

LUKAS J. GUNSCHERA

MRC Cognition and Brain Sciences Unit
University of Cambridge
United Kingdom

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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 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

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

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

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

University of Oxford
Visiting Researcher

October 2019 – November 2019
Oxford, UK

INVITED TALKS

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

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

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

American Psychological Association, Editor's Choice Award

September 2023

Thesis Award, Netherlands Institute of Psychologists

March 2023

Radboud Honours Academy, Honours Bachelor

September 2020

Radboud Honours Academy, Honours Interdisciplinary

September 2018

Radboud University, Propedeuse cum laude

September 2018

September 1st, 2023

