LUKAS J. GUNSCHERA

MRC Cognition and Brain Sciences Unit
University of Cambridge
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EDUCATION

University of Amsterdam September 2020 – September 2022
Master of Science, Psychological Research *Amsterdam, The Netherlands*
Grade: 8.69 (cum laude) – UK: first-class distinction

University of Leeds January 2020 – August 2020
Erasmus Semester, Psychology *Leeds, UK*

Radboud University September 2017 – September 2020
Bachelor of Science (Honours), Psychology *Nijmegen, The Netherlands*
Grade: 8.29 (cum laude) – UK: first-class honours

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 October 2023 – present
PhD Student *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 February 2022 – October 2022
Postgraduate Research Assistant (full time) *Amsterdam, The Netherlands*

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

University of Amsterdam November 2021 – October 2022
Teaching Assistant (part time) *Oxford, UK*

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

University of Oxford July 2021 – October 2022
Research Assistant (part time) *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 Netherland

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

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

September 1st, 2023