

WILLIAM TURNER

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EMPLOYMENT

Postdoctoral Research Fellow Timing Lab, Queensland University of Technology	2023–
Postdoctoral Research Fellow Timing Lab, The University of Melbourne	2021–2023
Research Assistant Decision Neuroscience Lab, The University of Melbourne	2016–2017

EDUCATION

PhD Cognitive Neuroscience, The University of Melbourne Supervised by A/Prof. Stefan Bode, Prof. Robert Hester, and Dr. Daniel Feuerriegel Visiting scholar at MetaLab, UCL	2017–2021
BSc Psychology & Neuroscience, The University of Melbourne <i>1st class honours</i>	2013–2016

GRANTS AND AWARDS

Postdoctoral Oral Award, ACNS 2021	2021
Decision Science Hub Research Support Scheme \$2000 in research funding	2021
Shortlisted for Best PhD Thesis Award & Chancellors Prize	2021
Istvan Tork Oral Award, ANS 2018	2018
Student Travel Award, ANS 2018	2018
People's Choice Award, MSPS PhD Conference	2018
Research Training Program Scholarship \$31,200 p.a. x 3.5 years	2017
Honours Oral Award, ACNS 2016	2016
Deans Honours List Top 3% (2015) & 1.5% (2016) of students in the Faculty of Science	2015 – 2016

PUBLICATIONS

Turner, Sexton & Hogendoorn (Under Review). Neural mechanisms of visual motion extrapolation.

Turner, Blom & Hogendoorn (Forthcoming). Visual information is predictively encoded in occipital alpha/low-beta oscillations. *The Journal of Neuroscience*.

Turner (2023). Perceiving the probable present. *Nature Reviews Psychology*. [Paper](#)

Ko, Feuerriegel, **Turner**, Overhoff, Niessen, Stahl, Hester, Fink, Weiss & Bode (2022). Divergent effects of absolute evidence magnitude on decision accuracy and confidence in perceptual judgements. *Cognition*. [Paper](#)

Turner (2022). Unravelling the neural mechanisms which encode rapid streams of visual input. *The Journal of Neuroscience*. [Paper](#)

Turner, Feuerriegel, Hester & Bode (2022). Initial sensory information biases the likelihood and speed of subsequent changes of mind. *PLOS Computational Biology*. [Paper](#) / [Code + Data](#)

Feuerriegel, Jiwa, **Turner**, Andrejević, Hester & Bode (2021). Tracking dynamic adjustments to decision making and performance monitoring processes in conflict tasks. *NeuroImage*. [Paper](#) / [Code + Data](#)

Andrejević, Feuerriegel, **Turner**, Laham & Bode (2021). How do Basic Personality Traits Map onto Moral Judgements of Fairness-related Actions. *Social Psychology and Personality Science*. [Paper](#) / [Code + Data](#)

Turner, Angdias, Feuerriegel, Chong, Hester & Bode (2021). Perceptual decision confidence is sensitive to foregone effort expenditure. *Cognition*. [Paper](#) / [Code + Data](#)

Andrejević, Feuerriegel, **Turner**, Laham & Bode (2020). Moral Judgements of Fairness-Related Actions are Flexibly Updated to Account for Contextual Information. *Scientific Reports*. [Paper](#) / [Code + Data](#)

Turner, Feuerriegel, Andrejević, Hester & Bode (2020). Perceptual change-of-mind decisions are sensitive to absolute evidence magnitude. *Cognitive Psychology*. [Paper](#) / [Code + Data](#)

Turner, Johnston, de Boer, Morawetz & Bode (2017). Multivariate pattern analysis of event-related potentials predicts the subjective relevance of everyday objects. *Consciousness and Cognition*. [Paper](#)

CONFERENCE PRESENTATIONS AND TALKS

Turner (2022). Investigating prediction and delay compensation in the neural encoding of moving objects. Bogacz Lab, University of Oxford; Kok Lab, University College London; Centre de Recherche Cerveau et Cognition (CerCo), Toulouse.

Turner, Blom, Hogendoorn (2022). Decoding visual predictions from occipital alpha oscillations. European Conference on Visual Perception, Nijmegen, Netherlands. (Oral)

Turner (2022). Investigating the predictive encoding of moving objects. BEPSI, The University of Queensland. * *Invited Talk*

Turner, Blom, Hogendoorn (2021). Investigating the encoding of predictive sensory representations in EEG frequency spectra. Australasian Cognitive Neuroscience Society, Virtual Conference. (Oral) * **Best Oral Award**

Turner (2020). How we evaluate and overrule our perceptual decisions. Decision Science Hub Seminar, The University of Melbourne. * **Invited Talk**

Turner (2020). Information processing dynamics underlying perceptual changes of mind. MetaLab, University College London.

Angdias, **Turner**, Feuerriegel, Hester, Bode (2019). Perceptual decision confidence is sensitive to foregone effort expenditure. Australasian Cognitive Neuroscience Society, Tasmania, Australia (Oral) * **Best Oral Award**

Turner, Feuerriegel, Andrejevic, Hester, Bode (2019). The effect of absolute evidence magnitude on perceptual changes of mind. Association for the Scientific Study of Consciousness, London, Ontario. (Oral)

Turner, Feuerriegel, Andrejevic, Hester, Bode (2019). Australasian Mathematical Psychology Conference, Melbourne, Australia. (Oral)

Turner, Feuerriegel, Andrejevic, Hester, Bode (2018). Perceptual change-of-mind decisions are sensitive to absolute evidence magnitude. Australasian Neuroscience Society, Brisbane, Australia. (Oral) * **Oral Award**

Turner, Feuerriegel, Andrejevic, Hester, Bode (2018). The effect of absolute evidence magnitude on perceptual changes of mind. Australasian Cognitive Neuroscience Society, Melbourne, Australia. (Oral)

Turner, Feuerriegel, Andrejevic, Hester, Bode (2018). The effect of absolute evidence magnitude on perceptual changes of mind. MSPS Annual PhD Student Conference, Melbourne, Australia. (Oral) * **People's Choice Award**

Turner, Johnston, de Boer, Morawetz, Bode (2016). Multivariate pattern analysis of event-related potentials predicts the general desirability of objects. Australasian Cognitive Neuroscience Society, Newcastle, Australia. (Oral) * **Best Oral Award**

TEACHING

Guest Presenter, Psychological Science: Theory & Practice (PSYC30021) 2021

Honours Co-Supervisor & Thesis Marker 2020-2022
Supervised 5 students, all awarded *1st class honours*.

Workshop Presenter, DSH EEG methods workshop 2019

Undergraduate Tutor, Neuroscience and The Mind (PSYC30018) 2018
Nominated for *MSPS Teaching Award*.

PROFESSIONAL SERVICE

Australasian Neuroscience Society LOC Member ANS2022 (600 + person conference)	2022
PhD Committee Member Jie Sun, Timothy Cottier	2021–
Ad-hoc Reviewer NeuroImage, Journal of Cognitive Neuroscience, Scientific Reports	2021
MDHS ECR Focus Group Member Faculty of Medicine, Dentistry and Health Sciences, University of Melbourne	2021
OHS Committee Member Melbourne School of Psychological Sciences, University of Melbourne	2018–2019
Treasurer of Graduate Researchers in Psychological Sciences Melbourne School of Psychological Sciences, University of Melbourne	2017–2019
Open Day Volunteer The University of Melbourne	2017–2019

SKILLS

Software: MATLAB, Python, R, Git, High Performance Computing

Hardware: BioSemi ActiveTwo, Biopac TSD121C Dynamometers, ColorCAL MKII Colorimeter

REFERENCES

A/Prof. Hinze Hogendoorn, Postdoctoral Supervisor
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Queensland University of Technology (QUT)
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