

# Colin Palmer

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## Current Position

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**Assistant Professor**

Since Dec 2022

Department of Psychology, National University of Singapore

## Previous Positions

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**Postdoctoral Fellow (Australian Research Council DECRA Fellow)**

2019–2022

School of Psychology, University of New South Wales, Australia

**Postdoctoral Research Associate**

School of Psychology, University of New South Wales, Australia

2016–2019

Supervised by Prof Colin Clifford

## Education

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**PhD**, Monash University, Australia

2016

Supervised by Prof Jakob Hohwy and Prof Peter Enticott

**Bachelor of Behavioural Neuroscience (Hons)**, Monash University

2009

## Publications

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Peer-reviewed journal articles:

1. Chen, C, Boyce, WP, **Palmer, CJ**, & Clifford, CWG. (2024). Effect of spatial context on perceived walking direction. *Journal of Vision*, 24(5):11, 1–15.  
<https://doi.org/10.1167/jov.24.5.11>
2. Peterson, LM, Clifford, CWG, **Palmer, CJ**. (2023). Detection of Mooney faces is robust to image asymmetries produced by illumination. *Journal of Vision*, 23(12):9, 1–20.  
<https://doi.org/10.1167/jov.23.12.9>
3. Peterson, LM, Susilo, T, Clifford, CWG, **Palmer, CJ**. (2023). Discrimination of facial identity based on simple contrast patterns generated by shading and shadows. *Vision Research*, 212, 108307. <https://doi.org/10.1016/j.visres.2023.108307>
4. Chen, C, Boyce, WP, **Palmer, CJ**, Clifford, CWG. (2023). Adaptation to walking direction in biological motion. *Journal of Experimental Psychology: General*, 152(8), 2331–2344.  
<https://doi.org/10.1037/xge0001404>
5. **Palmer, CJ**, Kim, P, Clifford, CWG. (2023). Gaze behaviour as a visual cue to animacy. *Journal of Experimental Psychology: General*, 152(2), 425–447.  
<https://doi.org/10.1037/xge0001281>
6. **Palmer, CJ**, & Clifford, CWG. (2022). Spatial selectivity in adaptation to gaze direction. *Proceedings of the Royal Society B: Biological Sciences*, 289, 20221230.  
<https://dx.doi.org/10.1098/rspb.2022.1230>

7. **Palmer, CJ**, Goddard, E, Clifford, CWG. (2022). Face detection from patterns of shading and shadows: the role of overhead illumination in generating the familiar appearance of the human face. *Cognition*, 225, 105172. <https://doi.org/10.1016/j.cognition.2022.105172>
8. Little, Z, **Palmer, CJ**, Susilo, T. (2022). Normal gaze processing in developmental prosopagnosia. *Cortex*, 154, 46-61. <https://doi.org/10.1016/j.cortex.2022.05.011>
9. **Palmer, CJ**, Bracken, SG, Otsuka, Y, Clifford, CWG. (2022). Is there a 'zone of eye contact' within the borders of the face? *Cognition*, 220, 104981. <https://doi.org/10.1016/j.cognition.2021.104981>
10. Han, S, Alais, D, **Palmer, CJ**. (2021). Dynamic face mask enhances continuous flash suppression. *Cognition*, 206, 104473. <https://doi.org/10.1016/j.cognition.2020.104473>
11. **Palmer, CJ**, Otsuka, Y, Clifford, CWG. (2020). A sparkle in the eye: Illumination cues and lightness constancy in the perception of eye contact. *Cognition*, 205, 104419. <https://doi.org/10.1016/j.cognition.2020.104419>
12. Deschrijver, E., & **Palmer, CJ**. (2020). Reframing social cognition: Relational versus representational mentalising. *Psychological Bulletin*, 146(11), 941-969. <https://doi.org/10.1037/bul0000302>
13. **Palmer, CJ**, & Clifford, CWG. (2020). Face pareidolia recruits mechanisms for detecting human social attention. *Psychological Science*, 31(8), 1001-1012. <https://doi.org/10.1177/0956797620924814>
14. **Palmer, CJ**, Lawson, RP, Clifford, CWG, & Rees, G. (2019). Establishing the scope of the divisive normalisation theory of autism: A reply to Rosenberg and Sunkara. *Cortex*, 111, 319-323. <https://doi.org/10.1016/j.cortex.2018.10.026>
15. **Palmer, CJ\***, Caruana, N\*, Clifford, CWG, Seymour, K. (2018). Adaptive sensory coding of gaze direction in schizophrenia. *Royal Society Open Science*, 5:180886. \*Joint authorship. <http://dx.doi.org/10.1098/rsos.180885>
16. **Palmer, CJ\***, Caruana, N\*, Clifford, CWG, Seymour, K. (2018). Perceptual integration of head and eye cues to gaze direction in schizophrenia. *Royal Society Open Science*, 5:180885. \*Joint authorship. <http://dx.doi.org/10.1098/rsos.180886>
17. Clifford, CWG, & **Palmer, CJ**. (2018). Adaptation to the direction of others' gaze: a review. *Frontiers in Psychology*, 9:2165. <https://doi.org/10.3389/fpsyg.2018.02165>
18. Ding, C, **Palmer, CJ**, Hohwy, J, Youssef, G, Paton, B, Tsuchiya, N, Stout, J, & Thyagarajan, D. (2018). Deep brain stimulation for Parkinson's disease changes perception in the rubber hand illusion. *Scientific Reports*, 8:13842. <https://doi.org/10.1038/s41598-018-31867-8>
19. **Palmer, CJ**, & Clifford, CWG. (2018). Adaptation to other people's eye gaze reflects habituation of high-level perceptual representations. *Cognition*, 180, 82-90. <https://doi.org/10.1016/j.cognition.2018.07.005>
20. **Palmer, CJ\***, Lawson, RP\*, Shankar, S, Clifford, CWG, & Rees, G. (2018). Autistic adults show preserved normalisation of sensory responses in gaze processing. *Cortex*, 103, 13-23. \* Joint authorship. <https://doi.org/10.1016/j.cortex.2018.02.005>
21. Alais, D, Kong, G, **Palmer, CJ**, & Clifford, CWG. (2018). Eye gaze direction shows a positive serial dependency. *Journal of Vision*, 18(4):11, 1-12. <https://doi.org/10.1167/18.4.11>
22. Nguyen, ATT, **Palmer, CJ**, Otsuka, Y, Clifford, CWG. (2018). Biases in perceiving gaze vergence. *Journal of Experimental Psychology: General*, 147(8), 1125-1133. <https://doi.org/10.1037/xge0000398>

23. **Palmer, CJ, & Clifford, CWG.** (2017). The visual system encodes others' direction of gaze in a first-person frame of reference. *Cognition*, 168, 256–266.  
<https://doi.org/10.1016/j.cognition.2017.07.007>
24. **Palmer, CJ, & Clifford, CWG.** (2017). Perceived object trajectory is influenced by others' tracking movements. *Current Biology*, 27, 2169–2176.  
<https://doi.org/10.1016/j.cub.2017.06.019>
25. **Palmer, CJ, & Clifford, CWG.** (2017). Functional mechanisms encoding others' direction of gaze in the human nervous system. *Journal of Cognitive Neuroscience*, 29(10):1725-1738.  
[https://doi.org/10.1162/jocn\\_a\\_01150](https://doi.org/10.1162/jocn_a_01150)
26. Ding, C, **Palmer, CJ**, Hohwy, J, Youssef, GJ, Paton, P, Tsuchiya, N, Stout, J, Thyagarajan, D. (2017). Parkinson's disease alters multisensory perception: insights from the Rubber Hand Illusion. *Neuropsychologia*, 97, 38–45.  
<https://doi.org/10.1016/j.neuropsychologia.2017.01.031>
27. **Palmer, CJ**, Lawson, RP, Hohwy, J. (2017). Bayesian approaches to autism: towards volatility, action, and behaviour. *Psychological Bulletin*, 143(5), 521–542.  
<https://doi.org/10.1037/bul0000097>
28. Hohwy, J, Paton, B, **Palmer, CJ.** (2016). Distrusting the Present. *Phenomenology and the Cognitive Sciences*, 15, 315–335. <https://doi.org/10.1007/s11097-015-9439-6>
29. **Palmer, CJ**, Paton, B, Enticott, P, Hohwy, J. (2015). 'Subtypes' in the presentation of autistic traits in the general adult population. *Journal of Autism and Developmental Disorders*, 45(5), 1291–1301. <https://doi.org/10.1007/s10803-014-2289-1>
30. **Palmer, CJ**, Paton, B, Kirkovski, M, Enticott, PG, Hohwy, J. (2015). Context sensitivity in action decreases along the autism spectrum: a predictive processing perspective. *Proceedings of the Royal Society B: Biological Sciences*, 282(1802). <https://doi.org/10.1098/rspb.2014.1557>
31. **Palmer, CJ**, Seth, A, Hohwy, J. (2015). The felt presence of other minds: predictive processing, counterfactual predictions, and mentalising in autism. *Consciousness & Cognition*, 36, 376–389. <https://doi.org/10.1016/j.concog.2015.04.007>
32. **Palmer, CJ**, Paton, B, Hohwy, J, Enticott, P. (2013). Movement under uncertainty: The effects of the rubber-hand illusion vary along the nonclinical autism spectrum. *Neuropsychologia*, 51(10), 1942–1951. <https://doi.org/10.1016/j.neuropsychologia.2013.06.020>
33. **Palmer, CJ**, Paton, B, Barclay, L, Hohwy, J. (2013). Equality, efficiency, and sufficiency: Responding to multiple parameters of distributive justice during charitable distribution. *The Review of Philosophy and Psychology*, 4(4), 659–674.  
<https://doi.org/10.1007/s13164-013-0157-0>
34. **Palmer, CJ**, Paton, B, Ngo, TT, Thomson, RH, Hohwy, J, Miller, SM. (2013). Individual differences in moral behavior: A role for response to risk and uncertainty? *Neuroethics*, 6(1), 97–103. <https://doi.org/10.1007/s12152-012-9158-4>
35. **Palmer CJ**, Ellis KA, O'Neill, BV, Croft, RJ, Leung, S, Oliver, C, Wesnes, KA, Nathan, PJ. (2008). The cognitive effects of modulating the glycine site of the NMDA receptor with high-dose glycine in healthy controls. *Human Psychopharmacology: Clinical and Experimental*, 23(2), 151–159. <https://doi.org/10.1002/hup.904>

Book chapters:

36. Hohwy, J, **Palmer, CJ.** (2014). Social cognition as causal inference: Implications for common knowledge and autism. In Mattia Gallotti and John Michael (Eds.), *Perspectives on Social Ontology and Social Cognition*. Springer. [https://doi.org/10.1007/978-94-017-9147-2\\_12](https://doi.org/10.1007/978-94-017-9147-2_12)

## Research Funding

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- NUS FASS Start-Up Grant, 2023. *Visual processes underlying social perception*. Amount: \$180k SGD. Role: Sole Applicant.
- Australian Research Council Discovery Project, 2020. CJ Palmer & CWG Clifford. *Extracting meaning from motion*. Amount: \$492k AUD. Role: Chief Investigator.
- Australian Research Council Discovery Early Career Researcher Award, 2019. *Human sensitivity to the dynamics of other people's eye movements*. Amount: \$356k AUD. Role: Sole Applicant.
- Experimental Psychology Society (UK), Study Visit Grant, 2017. *Testing computational theories of autism spectrum disorder in the social domain*. Amount: £2,580. Role: Sole Applicant.

## Other Awards

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- George A. Miller Award of the Society for General Psychology – The American Psychological Association (APA) Division One, 2021. Awarded to Dr Deschrijver in 2021 for our paper, Deschrijver & Palmer 2020, *Psychological Bulletin*.
- Emerging Investigator award, Australasian Cognitive Neuroscience Society, 2017.
- Postdoctoral oral presentation award, Australasian Cognitive Neuroscience Society, 2016.

## Teaching

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### NUS Undergraduate Courses

- PL3102 Biological Psychology, Lead Instructor, AY23/24.
- PL4251 Behind the Scenes of Human Perception, Lead Instructor, AY23/24.