

Daniel Bennett

Curriculum Vitae

Department of Psychiatry, Monash University, Australia
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Employment	Research Fellow	2021-present
	Department of Psychiatry, Monash University	
	Postdoctoral Research Fellow	2019-2020
	Princeton Neuroscience Institute, Princeton University & Department of Psychiatry, Monash University	
	Postdoctoral Research Associate	2017-2018
	Princeton Neuroscience Institute, Princeton University Advisor: Yael Niv	
Education	Doctor of Philosophy (PhD) in Psychology	2013-2017
	The University of Melbourne Thesis: Belief updating and information seeking in decision making under uncertainty Supervisors: Stefan Bode, Carsten Murawski, Rob Hester	
	Bachelor of Science (Honours) in Psychology	2011
	The University of Melbourne	
	Bachelor of Science and Bachelor of Arts	2007-2010
	The University of Western Australia	
Selected publications (first-author only)	1. Bennett, D. , Niv, Y., & Langdon, A. J. (under review). Value-free reinforcement learning: Policy optimization as a minimal model of operant behavior. Preprint hosted at <i>PsyArXiv</i> : https://psyarxiv.com/ew58m/	
	2. Bennett, D. , Davidson, G., & Niv, Y. (under review). A model of mood as integrated advantage. Preprint hosted at <i>PsyArXiv</i> : https://psyarxiv.com/dzsme/	
	3. Bennett, D. , Sutcliffe, K., Tan, N. P., Smillie, L. D., & Bode, S. (in press). Anxious and obsessive-compulsive traits are independently associated with valuation of non-instrumental information. Manuscript accepted at <i>Journal of Experimental Psychology: General</i> . doi: 10.1101/768168.	
	4. Bennett, D. , & Niv, Y. (2020). Opening Burton’s clock: Psychiatric insights from computational cognitive models. Chapter in <i>The Cognitive Neurosciences, 6th edition</i> (M. Gazzaniga, ed.).	
	5. Bennett, D. , Silverstein, S., & Niv, Y. (2019). The two cultures of computational psychiatry. <i>JAMA Psychiatry</i> , 76(6), 563-564.	
	6. Bennett, D.* , Sasmita, K.*, Maloney, R. T., Murawski, C., & Bode, S. (2019). Monetary feedback modulates performance and electrophysiological indices of belief updating in reward learning. <i>Psychophysiology</i> , 56(10), e13431.	
	*These authors contributed equally	

7. Brydevall, M.*, **Bennett, D.***, Murawski, C., & Bode, S. (2018). The neural encoding of information prediction errors during non-instrumental information seeking. *Scientific Reports*, 8, 6134.

*These authors contributed equally

8. **Bennett, D.**, Yücel, M., & Murawski, C. (2018). Errors of statistical inference in the Information Sampling Task. *Biological Psychiatry*, 83(12), e61-e62.
9. **Bennett, D.**, Oldham, S., Dawson, A., Parkes, L., Murawski, C., & Yücel, M. (2017). Systematic overestimation of reflection impulsivity in the Information Sampling Task. *Biological Psychiatry*, 82(4), e29-e30.
10. **Bennett, D.**, Bode, S., Brydevall, M., Warren, H., & Murawski, C. (2016). Intrinsic valuation of information in decision making under uncertainty. *PLoS Computational Biology*, 12(7), e1005020.
11. **Bennett, D.**, Dluzniak, A., Cropper, S., Partos, T., Sundram, S., & Carter, O. (2016). Selective impairment of global motion integration, but not global form integration, in schizophrenia and bipolar affective disorder. *Schizophrenia Research: Cognition*, 3, 11-14.
12. **Bennett, D.** (2015). The neural mechanisms of Bayesian belief updating. *The Journal of Neuroscience*, 35(50), 16300-16302.
13. **Bennett, D.**, Murawski, C., & Bode, S. (2015). Single-trial event-related potential correlates of belief updating. *eNeuro*, 2(5), 1-14.

Selected funding and awards

Travel Fellowship Award (USD \$2,000)
Society of Biological Psychiatry

2020

Graduate Fellowship (USD \$40,000)
American-Australian Association

2019

CJ Martin Early Career Fellowship (AUD \$417,192)
National Health and Medical Research Council

2019-2022

Project title: Towards a neurocomputational model of mood instability in psychiatric illness.

Professional service

Ad-hoc peer reviewer (journal articles)

Behavioural Processes; Biological Psychiatry; Cerebral Cortex; Cognition & Emotion; Cognitive, Affective, and Behavioral Neuroscience; Computational Brain & Behavior; Computational Psychiatry; Current Opinion in Behavioral Sciences; eLife; Frontiers in Human Neuroscience; Journal of Affective Disorders; Journal of Cognitive Neuroscience; Journal of Experimental Psychology: General; Journal of Individual Differences; Journal of Neuroscience; NeuroImage; PLOS Computational Biology; PLOS One; Psychiatry & Clinical Neurosciences; Psychonomic Bulletin & Review; Psychological Medicine; Schizophrenia Research; Translational Psychiatry.

Ad-hoc peer reviewer (funding schemes)

German Research Foundation; Swiss National Science Foundation.