

Daniel Bennett

Curriculum Vitae

Department of Psychiatry, Monash University, Australia
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Employment	<i>Research Fellow</i>	2021-present
	Department of Psychiatry, Monash University	
	<i>Postdoctoral Research Fellow</i>	2019-2020
	Princeton Neuroscience Institute, Princeton University & Department of Psychiatry, Monash University	
	<i>Postdoctoral Research Associate</i>	2017-2018
	Princeton Neuroscience Institute, Princeton University Advisor: Yael Niv	
Education	<i>Doctor of Philosophy (PhD) in Psychology</i>	2013-2017
	The University of Melbourne Thesis: Belief updating and information seeking in decision making under uncertainty Supervisors: Stefan Bode, Carsten Murawski, Rob Hester	
	<i>Bachelor of Science (Honours) in Psychology</i>	2011
	The University of Melbourne	
	<i>Bachelor of Science and Bachelor of Arts</i>	2007-2010
	The University of Western Australia	
Selected publications (first- and senior-author only)	<ol style="list-style-type: none">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/Zorowitz, S., Niv, Y., & Bennett, D. (under review). Inattentive responding can induce spurious associations between task behavior and symptom measures. Preprint hosted at <i>PsyArXiv</i>: https://psyarxiv.com/rynhk/Bennett, D., Davidson, G., & Niv, Y. (in press). A model of mood as integrated advantage. Manuscript accepted for publication at <i>Psychological Review</i>. doi: 10.31234/osf.io/dzsme.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.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.).Bennett, D., Silverstein, S., & Niv, Y. (2019). The two cultures of computational psychiatry. <i>JAMA Psychiatry</i>, 76(6), 563-564.	

7. **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. *Psychophysiology*, 56(10), e13431.
*These authors contributed equally
8. 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
9. **Bennett, D.**, Yücel, M., & Murawski, C. (2018). Errors of statistical inference in the Information Sampling Task. *Biological Psychiatry*, 83(12), e61-e62.
10. **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.
11. **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.
12. **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.
13. **Bennett, D.** (2015). The neural mechanisms of Bayesian belief updating. *The Journal of Neuroscience*, 35(50), 16300-16302.
14. **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	<i>Travel Fellowship Award</i> (USD \$2,000) Society of Biological Psychiatry	2020
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	<i>Graduate Fellowship</i> (USD \$40,000) American-Australian Association	2019
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	<i>CJ Martin Early Career Fellowship</i> (AUD \$417,192) National Health and Medical Research Council 'Towards a neurocomputational model of mood instability in psychiatric illness'.	2019-2022
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Professional service	<i>Ad-hoc peer reviewer (journal articles)</i> 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. <i>Ad-hoc peer reviewer (funding schemes)</i> American-Australian Association; German Research Foundation; Swiss National Science Foundation.
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