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 *PsyArXiv*: https://psyarxiv.com/ew58m/

2. **Bennett, D.**, Davidson, G., & Niv, Y. (in press). A model of mood as integrated advantage. Manuscript accepted for publication at *Psychological Review*. doi: 10.31234/osf.io/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 *Journal of Experimental Psychology: General*. doi: 10.1101/768168.

4. **Bennett, D.**, & Niv, Y. (2020). Opening Burton's clock: Psychiatric insights from computational cognitive models. Chapter in *The Cognitive Neurosciences, 6th edition* (M. Gazzaniga, ed.).

5. **Bennett, D.**, Silverstein, S., & Niv, Y. (2019). The two cultures of computational psychiatry. *JAMA Psychiatry, 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. *Psychophysiology, 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 Project title: Towards a neurocomputational model of mood instability in psychiatric illness.	**2019-2022**
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.	