

# Stanford

---



## Matt Dixon

Postdoctoral Research Fellow, Psychology

### Bio

---

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of British Columbia (2017)
- Bachelor of Science, University of Toronto (2006)
- Master of Arts, University of British Columbia (2011)

### Publications

---

#### PUBLICATIONS

- **The neural basis of motivational influences on cognitive control** *HUMAN BRAIN MAPPING*  
Parro, C., Dixon, M. L., Christoff, K.  
2018; 39 (12): 5097–5111
- **Affective neuroscience of self-generated thought.** *Annals of the New York Academy of Sciences*  
Fox, K. C., Andrews-Hanna, J. R., Mills, C., Dixon, M. L., Markovic, J., Thompson, E., Christoff, K.  
2018
- **Heterogeneity within the frontoparietal control network and its relationship to the default and dorsal attention networks** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Dixon, M. L., De la Vega, A., Mills, C., Andrews-Hanna, J., Spreng, R., Cole, M. W., Christoff, K.  
2018; 115 (7): E1598–E1607
- **Emotion and the Prefrontal Cortex: An Integrative Review** *PSYCHOLOGICAL BULLETIN*  
Dixon, M. L., Thiruchselvam, R., Todd, R., Christoff, K.  
2017; 143 (10): 1033–81
- **Interactions between the default network and dorsal attention network vary across default subsystems, time, and cognitive states** *NEUROIMAGE*  
Dixon, M. L., Andrews-Hanna, J. R., Spreng, R., Irving, Z. C., Mills, C., Girn, M., Christoff, K.  
2017; 147: 632–49
- **Dynamics of neural recruitment surrounding the spontaneous arising of thoughts in experienced mindfulness practitioners** *NEUROIMAGE*  
Ellamil, M., Fox, K. R., Dixon, M. L., Pritchard, S., Todd, R. M., Thompson, E., Christoff, K.  
2016; 136: 186–96
- **The lateral prefrontal cortex and complex value-based learning and decision making** *NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS*  
Dixon, M. L., Christoff, K.  
2014; 45: 9–18
- **Is meditation associated with altered brain structure? A systematic review and meta-analysis of morphometric neuroimaging in meditation practitioners** *NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS*  
Fox, K. R., Nijeboer, S., Dixon, M. L., Floman, J. L., Ellamil, M., Rumak, S. P., Sedlmeier, P., Christoff, K.

2014; 43: 48–73

- **The Decision to Engage Cognitive Control Is Driven by Expected Reward-Value: Neural and Behavioral Evidence** *PLOS ONE*

Dixon, M. L., Christoff, K.

2012; 7 (12): e51637