

# Matthew J. C. Crump

## A. Professional Preparation

University of Lethbridge, Lethbridge, AB, Canada; Psychology; B.Sc., 2002

McMaster University, Hamilton, ON, Canada; Psychology; Ph.D., 2007

Vanderbilt University, Nashville, TN, USA; Psychology; Postdoctoral, 2011

## B. Appointments

Associate Professor; Department of Psychology, Brooklyn College of CUNY; 08/16-Current

Assistant Professor; Department of Psychology, Brooklyn College of CUNY; 02/11-08/16

## C. Publications

### Most-Closely Related Publications

1. Behmer, L., & Crump, M. J. C. (2017). The dynamic range of response set activation during action sequencing. *Journal of Experimental Psychology: Human Perception and Performance*, 43, 537-554.
2. Crump, M. J.C. & Logan, G.D. (2010). Hierarchical control and skilled typing: Evidence for word level control over the execution of individual keystrokes. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 36, 1369-1380.
3. Crump, M. J. C., & Logan, G. D. (2010). Episodic contributions to sequential control: Learning from a typists touch. *Journal of Experimental Psychology: Human Perception & Performance*, 36, 662-672.
4. Logan, G. D., & Crump, M. J. C. (2009). The left hand doesn't know what the right hand is doing: The disruptive effects of attention to the hands in skilled typewriting. *Psychological Science*, 20, 1296-1300.
5. Logan, G. D., & Crump, M. J. C. (2011). Hierarchical control of cognitive processes: The case for skilled typewriting. In B. H. Ross (Ed.), *Psychology of Learning and Motivation* (Vol. 54, pp. 1-27). Elsevier.

### Significant Publications

1. Logan, G. D., & Crump, M. J. C. (2010). Cognitive illusions of authorship reveal hierarchical error detection in skilled typists. *Science*, 330, 683-686.
2. Crump, M. J. C., McDonnell, J. V., & Gureckis, T. M. (2013). Evaluating Amazon's Mechanical Turk as a tool for experimental behavioral research. *PLoS ONE*, 8, e57410.
3. Crump, M. J. C., & Logan, G. D. (2013). Prevention and correction in post-error performance: An ounce of prevention, a pound of cure. *Journal of Experimental Psychology: General*, 142, 692-709.
4. Zumsteg, J., Crump, M. J. C., Logan, G. D., Weikert, D. R., & Lee, D. H. (2017). The effect of carpal tunnel release on typing performance. *The Journal of Hand Surgery*, 42, 16-23.
5. Behmer, L., & Crump, M. J. C. (2017). Crunching big data with finger tips: How typists tune their performance towards the statistics of natural language. In M. N. Jones (Ed.), *Big Data in Cognitive Science*. Taylor & Francis. New York, NY.

## D. Synergistic Activities

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