

Seeing into the future: Temporally Reversed Implicit Perceptual Priming

Results:

The first part of our research efforts were aimed towards exploring an implicit precognition paradigm in which participants attempted to detect or identify images that were sometimes re-presented in the future. In the original paradigm, with seven out of nine prior variations of this procedure (with over 700 participants total), we found evidence that the perception of images is enhanced if they were going to be re-presented in the future ($p < .001$). Since receiving the Bial grant we carried out the TRIPP paradigm with an additional 1400 participants, and 14 experiments. These studies were geared primarily towards trying to identify the procedure that produced the most reliable results. In all of these studies participants viewed an image, made a judgment about the perceptibility of the image, and then a prime either was or was not presented. Unfortunately, assorted variations to the procedure failed to produce more reliable effects, and although several studies have produced significant findings, the overall TRIPP effect has not proven reliable across these new studies. Despite negative results, the systematic decline in effect size seen in these studies could have important implications for this type of work and these findings have already generated significant discussion. The other strand of research on retrocausal practice effects has resulted in a promising paradigm that has been developed to predict meaningful real-world events. Results suggest that it is possible to use this paradigm to predict the outcome of a roulette spin (Black vs. Red) greater than chance (57%, $N = 151$, $p < .05$).

Published work

Book Chapter:

Schooler, J. W., Hunt, T., & Schooler, J. N. (2011). Reconsidering the metaphysics of science from the inside out. In H. Wallach, S. Schmidt, & W. B. Jonas (Eds.), *Neuroscience consciousness and spirituality* (pp. 157-194). New York, NY: Springer. doi: 10.1007/978-94-007-2079-4_11

Article:

Schooler, J. W. (2011). Unpublished results hide the decline effect. *Nature*, 470(7335), 437. doi: 10.1038/470437a

Schooler, J.W. (2011), Addressing the Bias Problem. *The Opinion Pages, New York Times*, January 7, 2011

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Area(s) of interest:

Parapsychology, precognition, unconscious processes, decline effect

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