

Nicholaus P. Brosowsky
Department of Psychology
The Graduate Center, CUNY
365 Fifth Avenue
New York, NY 10016-4309
Ph. 646-250-8676
nbrosowsky@gradcenter.cuny.edu
<https://nbrosowsky.github.io>



Editor: Canadian Journal of Experimental Psychology / Revue canadienne de psychologie expérimentale

Dear Editor,

Attached to this electronic submission is a manuscript submitted for publication in Canadian Journal of Experimental Psychology / Revue canadienne de psychologie expérimentale titled "Contextual recruitment of selective attention can be updated via changes in task-relevance". The manuscript is original, not previously published, nor under concurrent submission to other journals. All of the subjects in the experiments were tested in compliance with APA ethics and the studies were approved by the Brooklyn College of CUNY's Institutional Review Board.

The manuscript addresses the role of memory in guiding selective attention, an issue of emerging importance for the field of cognitive control. Prior work has demonstrated that contextual cues in the environment can trigger the adjustment of cognitive control operations independent of awareness and intent. We provide novel evidence that changes in task-relevance can update the contextual recruitment of selective attention; an effect that generalized across three different sets of stimuli.

These results generalize previous findings and extend empirical boundaries of contextual control phenomena. We discuss these findings in relation to current theories about the role of implicit-learning and memory in setting of attentional priorities and the development of contextual control.

Thank you for your time and effort in seeing this manuscript through the review process.

Best Regards,

A handwritten signature in black ink, appearing to be "NB" or a stylized version of the name.

Nicholaus Brosowsky