

Special Issue on
Exercise, Affect, and Neurocognition

CALL FOR PAPERS

Research demonstrates that positive affective responses to exercise are predictive of future exercise behavior. Emerging research also demonstrates that both acute and chronic exercise may induce beneficial neurocognitive changes (e.g., increased executive function), which, in theory, may help to facilitate and sustain exercise behavior change. Despite obesity being negatively associated with exercise, affect, and neurocognition, less research has examined the interrelationships between exercise, affect, and neurocognition among those who are obese.

For an upcoming special issue in this journal (PubMed indexed), we invite investigators to contribute original research articles (including animal and human studies; experimental studies will be given priority) as well as review articles that will stimulate the continuing efforts to better understand the interrelationships between exercise, affect, and neurocognition among normal weight, overweight, and obese populations. Papers should investigate at least 3 of the 4 main parameters for this special issue (exercise, affect/emotion, cognition, and obesity), with obesity/weight status assessed and discussed in every article. As an example, articles could consider weight status as a dependent variable, independent variable, and moderator or mediating variable.

Potential topics include but are not limited to the following:

- ▶ Potential mediational role of exercise effect on the relationship between executive function and physical activity, while considering how weight status may influence these interrelationships
- ▶ Subconscious influences regarding the relationship of exercise on affect and cognitive performance (e.g., utilizing experimental priming designs) among those of varying weight status
- ▶ Comparative effects of exercise on various affect or neurocognitive parameters (e.g., planning, reasoning, concentration, and memory) among normal weight and obese adults, as well as those with or without affect/neurocognitive disorders
- ▶ Effects of acute exercise temporality on neurocognitive function (e.g., exercise before, during, or after on neurocognition) among those of varying weight status
- ▶ Coupling effects of neurocognitive strategies (e.g., reappraisal) and exercise on affect regulation and exercise behavior change among obese adults
- ▶ Correlates of individual differences on the relationship between exercise and affect/neurocognition while considering the moderating role of weight status

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/job/ean/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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