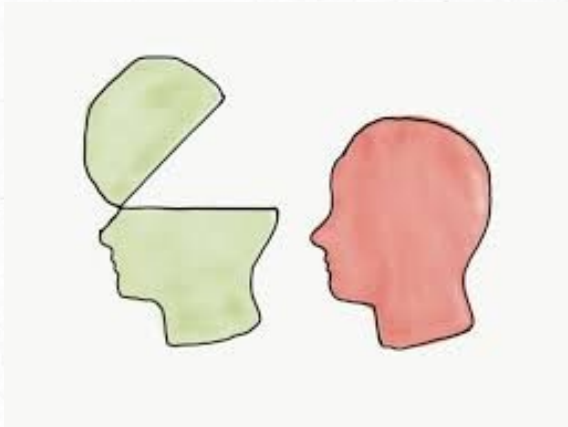


OPENING THE MIND: BRAIN STIMULATION, THEORY, AND PRACTICE

**Sydney Samoska (Carbon scholar),
Robert G. Morrison, PhD (Psychology),
and Joseph M. Vukov, PhD (Philosophy).**



OPEN-MINDED COGNITION (OMC)



Price, Ottati, Wilson & Kim. (2015)

TWO APPROACHES



YEAR 1

Educational best practices

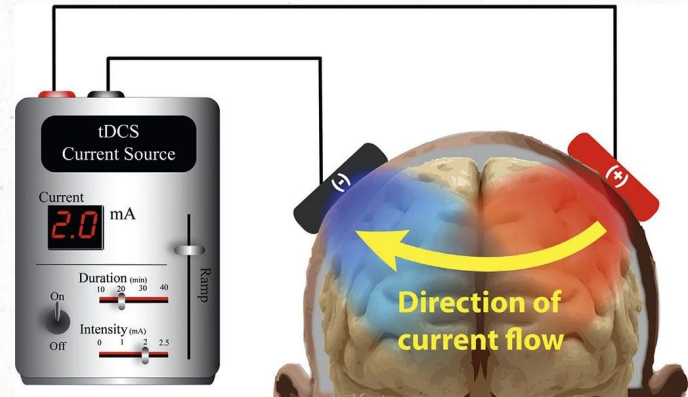
- Diverse Group Discussion



YEAR 2

Brain Stimulation

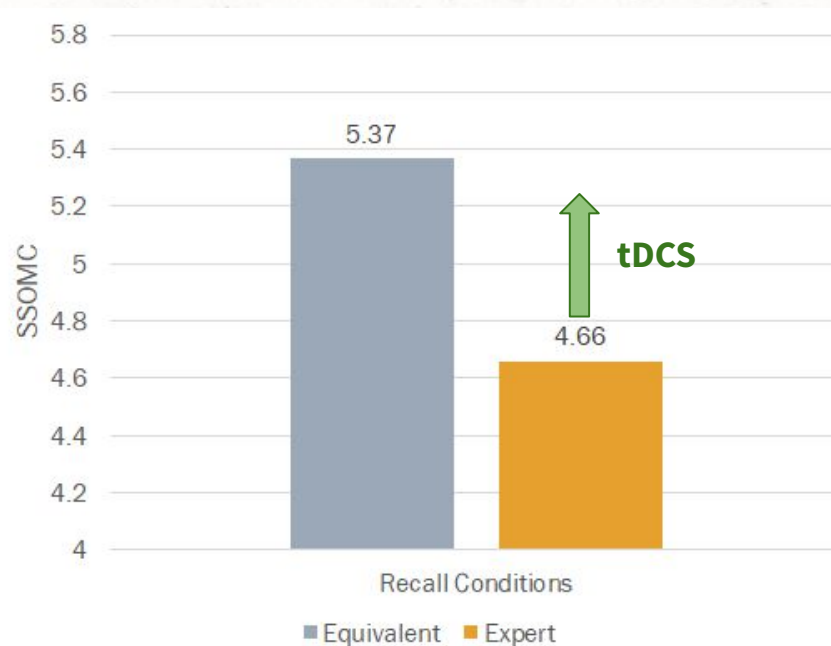
- tDCS to the Default Mode Network to enhance open-minded cognition



PILOT DATA- RECALL

EQUIVALENT:

Remember a situation when you encountered a person or group of people **who knew about as much as you did** about a topic.



EXPERT:

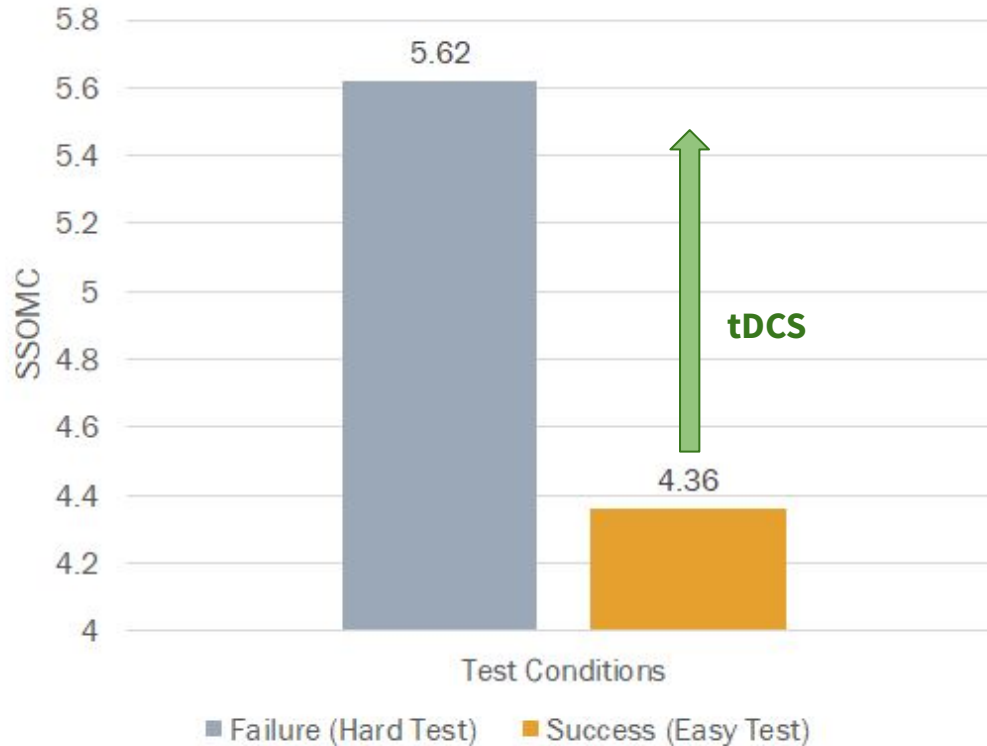
Remember a situation when you encountered a person or group of people **who knew a lot less than you did** about a topic.

Ottati et al. (2015).

PILOT DATA-EXPERTISE

HARD TEST:

Your performance on this political test was **below average**.



EASY TEST:

Your performance on this political test was **above average**.

Ottati et al. (2015).

THE ETHICS OF ENHANCEMENT

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Bioenhanced “Virtues” May Threaten Personal Identity

Gina Lebkuecher, Marley Hornewer, Sydney Samoska, Sarah Khan, Kit Rempala & Joseph Vukov
Pages 117-119 | Published online: 07 May 2021

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