

## ACADEMIC RESEARCH IN ACTION A Biological Explanation for Reward Effectiveness

## November 2022

When confronted with the myth that extrinsic rewards crowd out intrinsic motivation, reference academic research, motivational theory, and empirical evidence to set the record straight.

Effective rewards create emotion, over time, this helps build new and stronger connections in the brain between the stimuli (reward) and desired learning, behaviors and memory.

## Every living thing with a spinal cord possesses sensory cells, neural (brain cells), and muscle cells. These cells communicate through electrical pulses and chemical reactions.



## References

Eric R. Kandel (2006. In Search of Memory: The Emergence of a New Science of Mind. W.W. Norton & Company, New York