

Intro

Animal Kingdom



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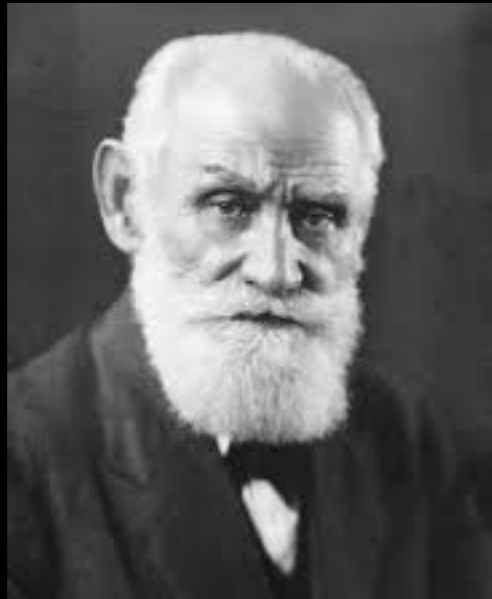
Animal Kingdom

Stimulus



Stimulus

Classical Conditioning



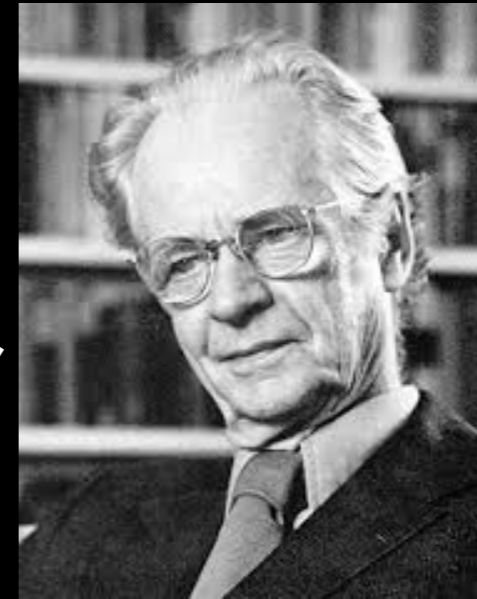
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Reflexes Voluntary

Operant Conditioning



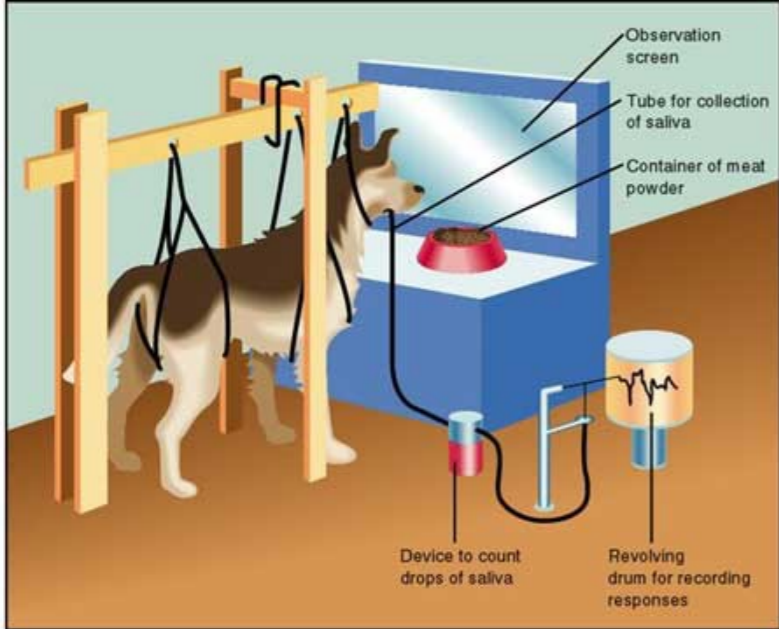
Control the Environment

Functional Relation

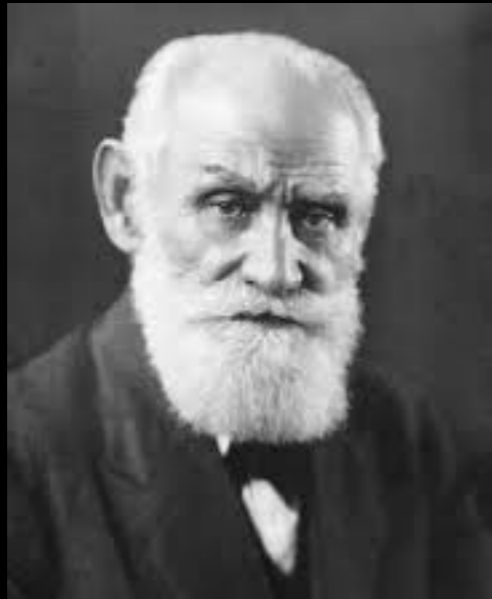
to examine effects on behaviour



Thorndike



Classical Conditioning



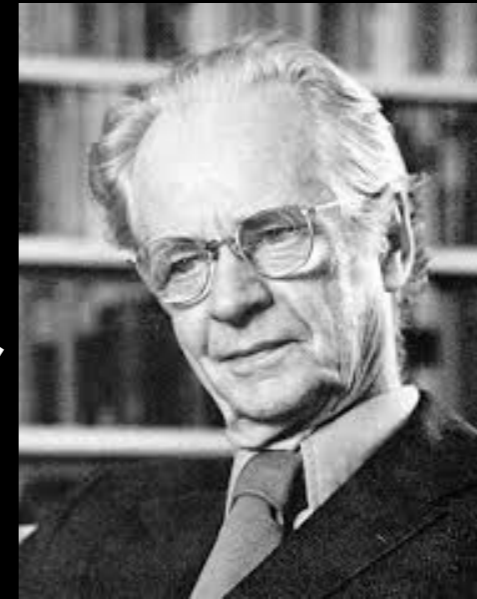
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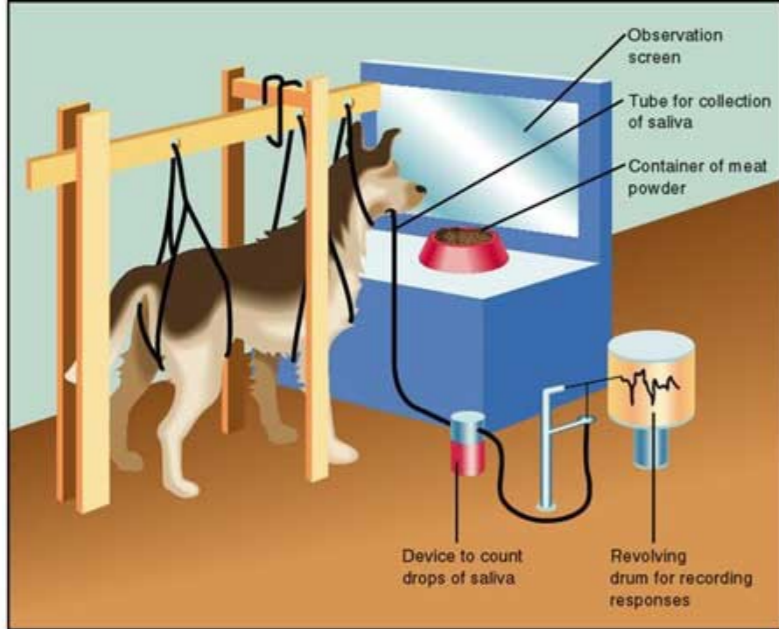


ABC

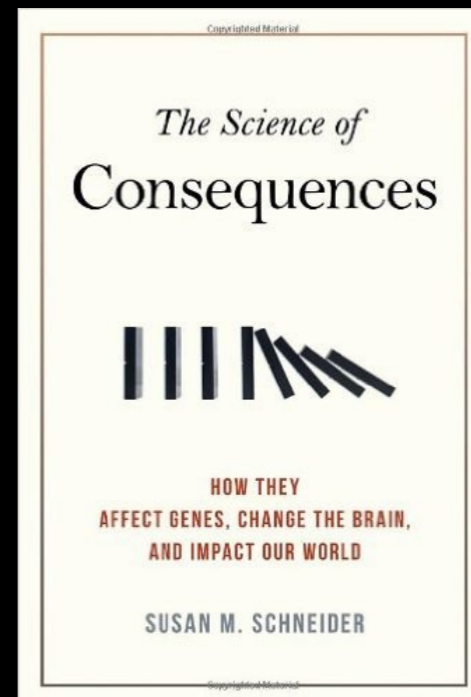
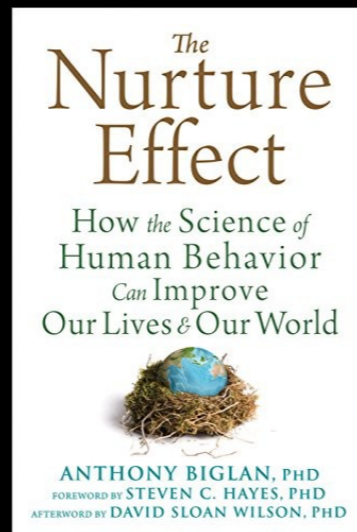
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Thorndike



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<https://www.youtube.com/watch?v=hR675X49GLU>

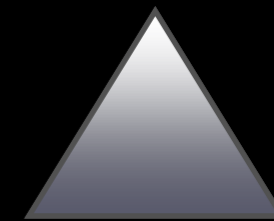


Positive Reinforcement Helps Surgeons Learn

Teaching physicians implement dog-training techniques to impart complex surgical skills



**TAGteach
International**



http://www.scientificamerican.com/article/positive-reinforcement-helps-surgeons-learn/?wt.mc=SA_Facebook-Share

When the American Board of Orthopedic Surgeons challenged residency directors a few years ago to come up with teaching tools to help new doctors quickly gain skill at basic surgical techniques—tying knots, positioning surgical instruments, and handling power tools—Levy teamed up with animal trainer Karen Pryor, one of the founders of the clicker training movement to come up with a teaching program he could implement with his residents. He broke down basic procedures, like drilling into bone, into simple steps: how to grip a drill, how to position it at the correct angle over a practice PVC pipe, and how to stabilize the drill tip. When a young doctor performed a movement correctly, the instructor noted the achievement with an event marker—a click, the flick of a flashlight, or simply the word “good” spoken in a neutral tone.

Thorndike

<https://www.youtube.com/watch?v=BDUjDOLre-8>



Bees playing football

<https://www.youtube.com/watch?v=hC9aSP9x0xE>



B. F. Skinner

<https://www.youtube.com/watch?v=LjzPpvC-PCE>



In the 'lab'

https://www.youtube.com/watch?v=7g2rxtWu_FM



The Nurture Effect

<https://www.youtube.com/watch?v=mhV5Ag4bCul>

