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# Extinction in classical conditioning

Behaviour Change Intervention Ontology (BCIO)

## Source

*Behaviour Change Intervention Ontology (BCIO)*

**Definition:** Associative learning process in which the strength of a conditioned response is reduced because its conditioned stimulus is presented without being accompanied by the unconditioned stimulus.

**Comment:** An unconditioned stimulus is "a stimulus that elicits a reflexive or innate response (the unconditioned response) without prior learning." (p., 280, Holt, N., Bremner, A., Sutherland, E., Vliek, M., Passer, M., and Smith, R. (2019). EBOOK: Psychology: The Science of Mind and Behaviour, 4e. McGraw Hill.) A conditioned stimulus is a stimulus that, through association with an unconditioned stimulus, comes to elicit a conditioned response similar to the original unconditioned response (Holt, N., Bremner, A., Sutherland, E., Vliek, M., Passer, M., and Smith, R. (2019). EBOOK: Psychology: The Science of Mind and Behaviour, 4e. McGraw Hill.)

*This definition was imported from the Behaviour Change Intervention Ontology (see <https://bciosearch.org/>). Comments and suggestions for improvements are welcome using the Qeios review system.*

*Definitions imported from the Behaviour Change Intervention Ontology (BCIO) are what are known as 'ontological definitions'. See this article in Qeios for an explanation <https://www.qeios.com/read/YGIF9B>.*

*Ontological definitions can sometimes be hard to read. In those cases we also include an informal definition.*

*Definitions also often require elaboration to make it clear how they should be used and what they include. In those cases we include a comment.*

*Also, definitions sometimes require an explanation as to how they came about to help users understand how they relate to*



*alternative definitions. In those cases we include a curator note.*