Neurocomputations of threat learning in combat veterans

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http://github.com/philipphoman/ptsd-talk

At a glance: The point I'm trying to make

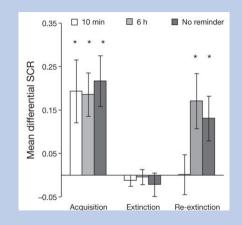


- PTSD is unique in that we have a highly relevant disease mechanism
- The disease mechanism:
 - 1. Explains the pathophysiology
 - 2. Suggests a suitable treatment
- We may learn even more about the mechanism with computational modeling

Introduction: Forgetting the memory of fear



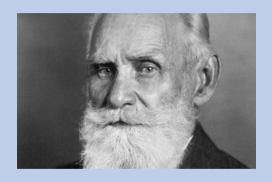




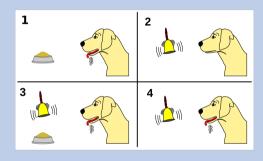
Schiller et al. 2010, Nature

Learning by association





Ivan Pavlov (1849 - 1936)



Credit: https://www.psychestudy.com