

INSTITUTE OF PSYCHIATRY, PSYCHOLOGY & NEUROSCIENCE

Module:

Psychological Foundations of Mental Health

Week 3:

Introduction to Emotion and Emotional Processing

Dr Tom Barry

Topic 3:

Emotion Regulation: top-down cognitive processes on emotional responses

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Topic list



This week, we will be looking at the following topics:

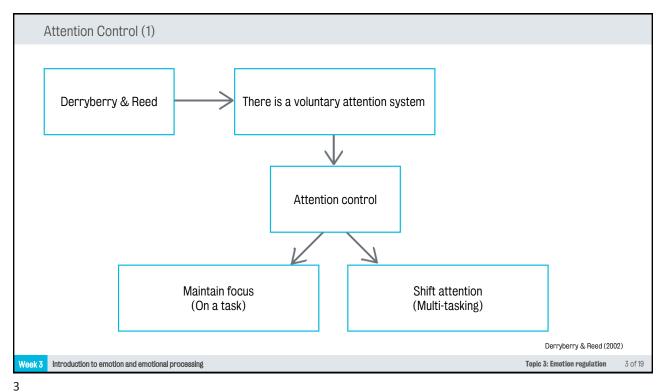
- Topic 1: Nature of emotion
- Topic 2: Emotion processing: bottom-up effects of emotions on cognitive processes
- Topic 3: Emotion regulation: top-down cognitive processes on emotional responses
- Topic in Action 1: Maladaptive styles of emotion processing and regulation, and mental health

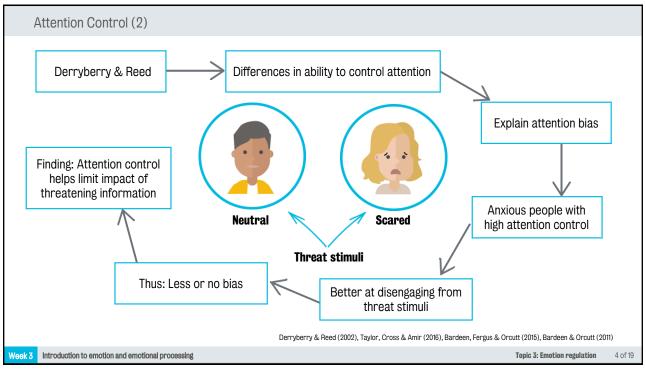
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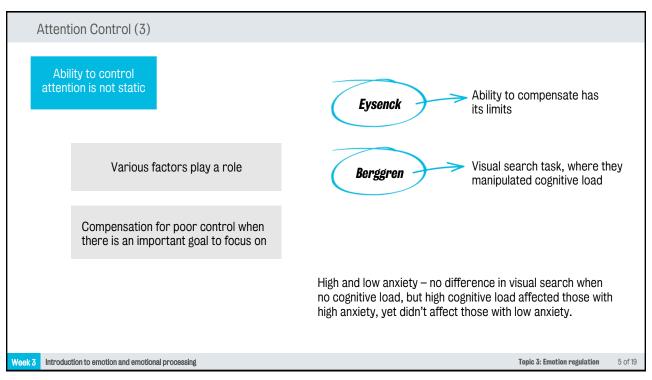
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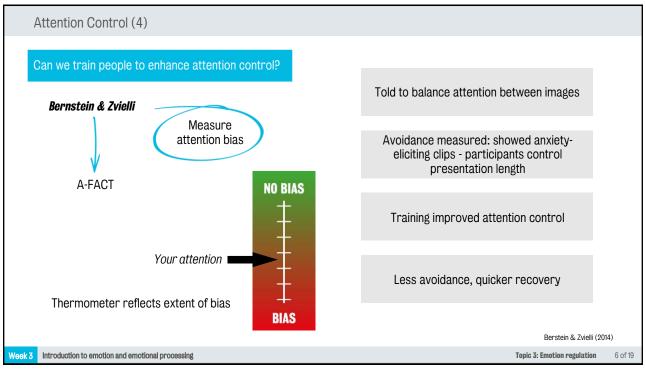
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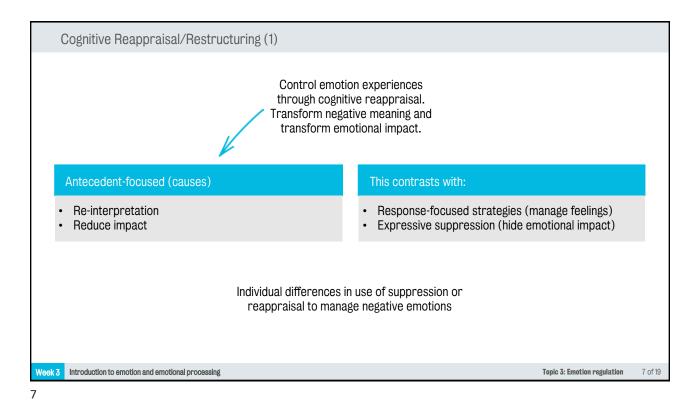
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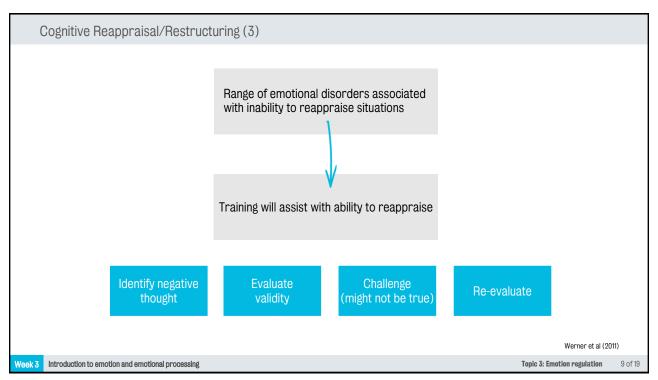


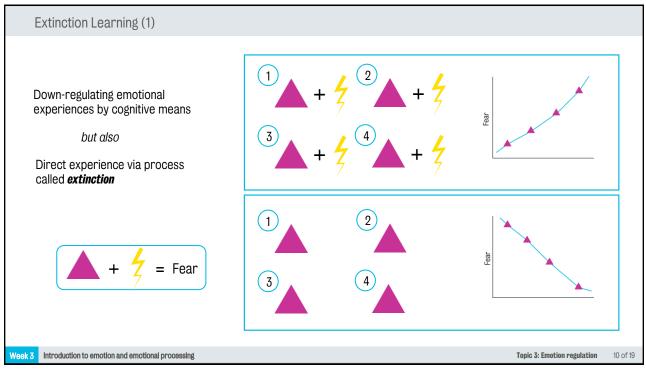


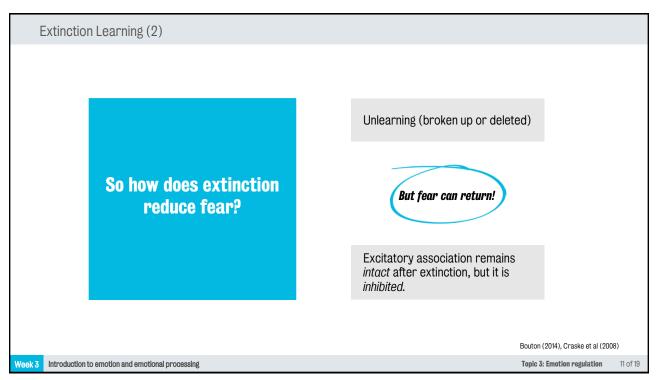


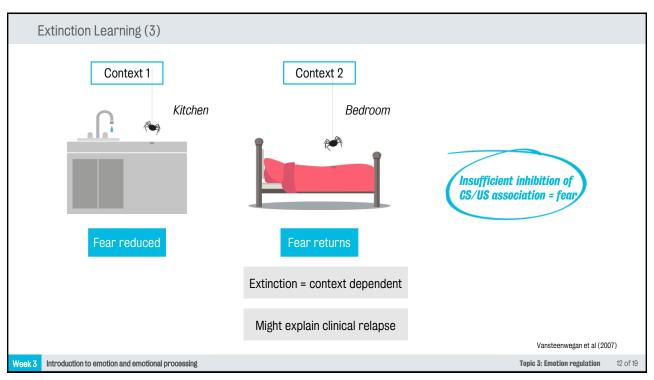


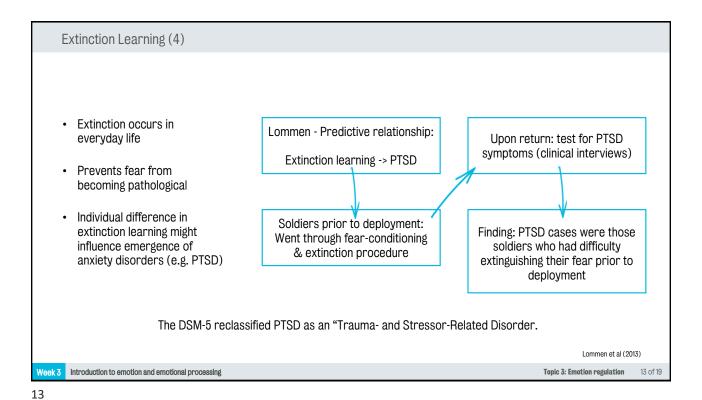
Cognitive Reappraisal/Restructuring (2) Reappraisal is common Reappraisal is sometimes only possible because of information given to us Stemmler: After new information was given to participants, they were able to reappraise a situation so that it reduced their anger at a set of circumstances Excuses = less physiological response and reported less anger Mauss: Individual difference in ability to use reappraisal influenced extent to which participants could use excuses to down-regulate physiological response. Stemmler (1997), Mauss, Cook, Cheng, J & Gross (2007) Introduction to emotion and emotional processing Topic 3: Emotion regulation 8 of 19







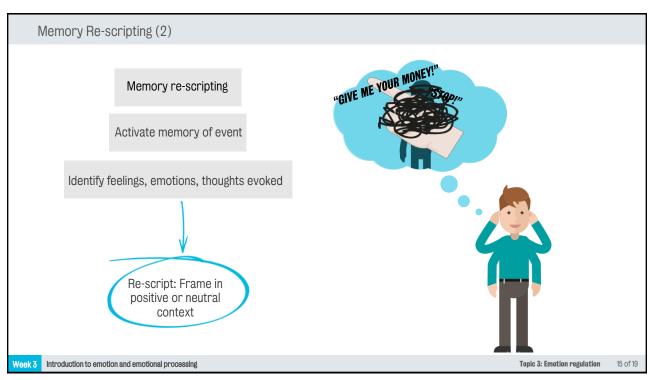


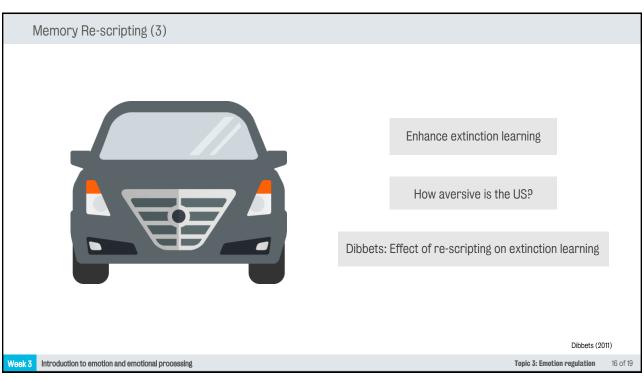


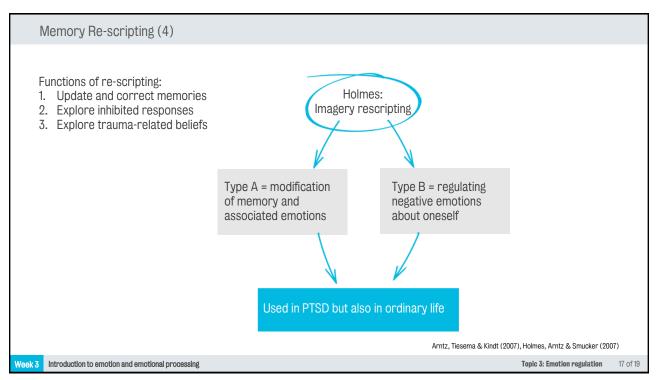
Memory Re-scripting (1) Regulating emotion by altering memories post event Memory re-scripting – intentional, top down Pierre Janet imagery substitution - 1919 Beck - modifying visual cognitions can modify emotions they provoke Pierre Janet 1859 - 1947 14 of 19

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References

Arntz, A., Tiesema, M., & Kindt, M. (2007). Treatment of PTSD: A comparison of imaginal exposure with and without imagery rescripting. Journal of Behavior Therapy and Experimental Psychiatry, 38(4), 345-370. doi:10.1016/j.jbtep.2007.10.006

Bardeen, J. R., & Orcutt, H. K. (2011). Attentional control as a moderator of the relationship between posttraumatic stress symptoms and attentional threat bias. Journal of Anxiety Disorders, 25(8), 1008-18. doi:10.1016/j.janxdis.2011.06.009

Bardeen, J. R., Fergus, T. A., & Orcutt, H. K. (2015). Attentional control as a prospective predictor of posttraumatic stress symptomatology. Personality and Individual Differences, 81, 124–128. doi:10.1016/j.paid.2014.09.010

Bernstein, A., and Zvielli, A.(2014). Attention Feedback Awareness and Control Training (A-FACT): experimental test of a novel intervention paradigm targeting attentional bias. Behav Res Ther, 55:18-26.

Bouton, M. E. (2004). Context and behavioral processes in extinction. Learning & Memory, 11, 485–494. doi:10.1101/lm.78804

Craske, M. G., Kircanski, K., Zelikowsky, M., Mystkowski, J., Chowdhury, N., & Baker, A. (2008). Optimizing inhibitory learning during exposure therapy. Behaviour Research and Therapy, 46(1), 5-27. doi:10.1016/j.brat.2007.10.003

Derryberry, D., & Reed, M.A. (2002). Anxiety-related attentional biases and their regulation by attentional control. Journal of Abnormal Psychology, 111: 225–236.

Dibbets, P., Poort, H., & Arntz, A. (2011). Adding imagery rescripting during extinction leads to less ABA renewal. Journal of Behavior Therapy and Experimental Psychiatry, 43(1), 614-624. doi:10.1016/j.jbtep.2011.08.006

Holmes, E. A., Arntz, A., & Smucker, M. R. (2007). Imagery rescripting in cognitive behaviour therapy: Images, treatment techniques and outcomes. Journal of Behavior Therapy and Experimental Psychiatry, 38(4), 297-305. doi:10.1016/j.jbtep.2007.10.007

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References

Lommen, M. J. J., Engelhard, I. M., Sijbrandij, M., van den Hout, M. A., & Hermans, D. (2013). Pre-trauma individual differences in extinction learning predict posttraumatic stress. Behaviour Research and Therapy, 51(2), 63–67. doi:10.1016/j.brat.2012.11.004

Mauss, I. B., Cook, C. L., Cheng, J. Y. J., & Gross, J. J. (2007). Individual differences in cognitive reappraisal: Experiential and physiological responses to an anger provocation. *International Journal of Psychophysiology*, 66: 116–124.

Stemmler, G. (1997). Selective activation of traits: Boundary conditions for the activation of anger. Personality and Individual Differences, 22: 213–233.

Taylor, C. T., Cross, K., & Amir, N. (2016). Attentional control moderates the relationship between social anxiety symptoms and attentional disengagement from threatening information. Journal of Behavior Therapy and Experimental Psychiatry, 50, 68–76. doi:10.1016/j.jbtep.2015.05.008

Vansteenwegen, D., Vervliet, B., Iberico, C., Baeyens, F., Van Den Bergh, O., & Hermans, D. (2007). The repeated confrontation with videotapes of spiders in multiple contexts attenuates renewal of fear in spider-anxious students. Behaviour Research and Therapy, 45, 1169–1179. doi:10.1016/j.brat.2006.08.023

Werner, K. H., Goldin, P. R., Ball, T. M., Heimberg, R. G., & Gross, J. J. (2011). Assessing emotion regulation in social anxiety disorder: The emotion regulation interview. Journal of Psychopathology and Behavioral Assessment, 33(3), 346–354. doi:10.1007/s10862-011-9225-x

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