

At the interface of the affective, behavioral, and cognitive neurosciences: Decoding the emotional feelings of the brain.

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At the interface of the affective, behavioral, and cognitive neurosciences: Decoding the emotional feelings of the brain

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### Abstract

This article summarizes recent conceptual and empirical advances in understanding basic affective processes of the mammalian brain and how we might distinguish affective from cognitive processes. Six reasons are advanced for distinguishing the two types of consciousness, including (i) the presence of experienced valence, (ii) cortical sub-cortical locus of control, (iii) different developmental trajectories, (iv) informational vs organic considerations, (v) differences in bodily expressions, (vi) differences in cerebral laterality. The position is advanced that to make progress on understanding the neurobiological nature of affect, we need to utilize experimental strategies different from those that are common in cognitive science.



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