

## Emotion and the Brain: Potential Insights for Legal Decisions

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Over the last decade there have been a number of advances in our understanding of the impact of emotion on a range of human cognitive functions, including learning, memory, and decision making. These advances have been prompted by studies in neuroscience demonstrating the intricate interactions between the neural circuitry mediating emotion and cognition. In my talk, I will review the neural and behavioral mechanisms by which emotion might alter learning and how this may influence decision making in a social environment. I will also speculate as to how our current understanding of emotion and the brain might contribute to our understanding of legal decisions.

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