

The neural basis of decision- making

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Alan G. Sanfey is an assistant professor in the Department of Psychology at the University of Arizona in Tucson. He holds a B.A. in psychology from the University College in Dublin, Ireland, and an M.A. and Ph.D. in cognitive psychology from the University of Colorado. He has been a postdoctoral research fellow at Princeton University, and has received numerous academic awards. Sanfey has published widely in psychological and cognitive science, experimental brain research, and neuroeconomics. His research uses both behavioral and neuroscience methods to explore the cognitive and neural processes that underlie human judgment and decision-making. This work addresses emotion and cognition in decision-making, neural dynamics of fairness and cooperation, the role of the anterior cingulate cortex in decision difficulty, EEG studies of risk and uncertainty, and the influence of memory representations on human judgment tasks.