

George CHRISTOPOULOS

George holds a PhD from University of Cambridge in cognitive neuroscience of human decision making. My background is in psychology (B.Sc.) and economic psychology (M.Sc). During his studies at Cambridge we identified various brain responses characterizing decision making under risk. Specifically, a signal at an area called right DLPFC changed according to differences in individual's risk aversion (Journal of Neuroscience, 2009). Using brain signals he and his colleagues were able to predict individual choices on a trial-by-trial basis. In other studies (PNAS, 2009; JofN, 2010) they identified how the brain distorts value and probabilities. Following Cambridge George to Baylor College of Medicine and then to Virginia Tech to work with Brooks King-Casas at the Laboratory for Interpersonal Decision Making, where he explored neural correlates of social decision making in normal populations, the effects of pharmacology on social learning and learning parameters as influenced by psychopathology and addiction.

George is interested in exploring the mechanisms that describe and/or affect behavioral and neuronal responses while humans make decisions, especially in social settings. This work encompasses very diverse topics such as:

- Individual decision making (deciding on the absence of social information; risk is one of his main interests)
- Social decision making and strategic interactions (deciding while other agents are socially visible and present: allocation of resources; competition and cooperation, learning)
- Organizational Neuroscience (organizations are the ecology of the modern human; George interested in how the structure of organizations influences biology and vice versa)



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