

Brooks King-Casas, Ph.D.



Brooks King-Casas is an Associate Professor at the Fralin Biomedical Research Institute at Virginia Tech Carilion in Roanoke, Virginia and in the Department of Psychology at Virginia Tech. He completed his PhD in experimental psychopathology at Harvard University and postdoctoral training at Baylor College of Medicine in Houston, Texas. Much of Dr. King-Casas's work uses behavioral economic models and insights from decision neuroscience to examine developmental and psychiatric processes through the lens of computational neuroscience. Current work in his group combines functional neuroimaging and in vivo electrochemistry to understand the computational roles of dopamine and serotonin in risky decision-making, as well as how social and contextual factors interact with these processes in the development of substance use behaviors.