

Anushree Karkhanis, Ph.D.

Dr. Anushree Karkhanis is an Empire Innovation Assistant Professor of Psychology in the division of Behavioral Neuroscience at Binghamton University – SUNY. She received her Ph.D. in Neuroscience in 2010 in the laboratory of late Prof. Ralph Siegel at Rutgers University where she studied neuronal encoding of sensorimotor representation for reaching in the parietal lobe of macaques. Her growing interest in neuropharmacology led her to complete her post-doctoral training in the laboratory of Dr. Sara Jones at Wake Forest School of Medicine. In Dr. Jones' lab, she studied the effects of early-life stress and chronic intermittent ethanol exposure on voluntary self-administration of ethanol and alterations in mesolimbic dopamine transmission. Her independent lab at the Binghamton University is a part of the Developmental Exposure Alcohol Research Center, a NIAAA funded P50. Research in her lab combines cutting-edge techniques to elucidate and modulate circuits in the brain that underlie both affective and addictive disorders in order to develop more effective treatments, particularly for individuals who suffer from the comorbidity of these diseases. She is a member of several professional societies, including, the Research Society on Alcoholism, Society for Neuroscience, and the American Society for Pharmacology and Experimental Therapeutics. Dr. Karkhanis has authored several publications in the field of alcohol and substance use disorder.