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Biography

Dr. Samir Iqbal is a Professor and former Chair of the Electrical Engineering Department at University of Texas Rio Grande Valley. He earned his Ph.D. from Purdue University in 2007. He has worked in military, academia and in his 22+ years of professional career. His lab is focused on using nanotechnology to enhance sensitivity and selectivity of solid-state and polymeric biosensors. He has led studies to understand the interactions at the nano-bio interfaces, and have developed technology using novel aptamer molecules. He is a member of Sigma Xi for more than a decade. He is also senior member of IEEE and has been Distinguished Lecturer for IEEE Nanotechnology Council and IEEE-EMBS for last 3 years. He has published over 60 journal articles and presented at more than 100 conferences around the world. He has received many research, teaching, mentoring and service awards. He was the Presidential Research Fellow for the Health and Human Impact Initiative at the University of Texas at Arlington in 2017.