

Biosketch of SAMIR IQBAL, Ph.D., P.E., FRSC

Dr. Samir Iqbal is a Professor and Chair of the Electrical Engineering Department at the University of Texas Rio Grande Valley (UTRGV), Texas, USA. He also holds a faculty appointment in the UTRGV School of Medicine. Dr. Iqbal is a Fellow of the Royal Society of Chemistry and a Senior Member of IEEE. He has been distinguished lecturer (DL) for IEEE-EMBS since 2016. He is also 2018 DL for the IEEE Nanotechnology Council.

Dr. Iqbal has published extensively in the areas of nano-bio interfaces at genes, proteins and cellular levels, lab on a chip, cancer diagnostics using nanotechnology, applications of nanotextured materials in biosensing, and nanoscale devices for single molecule interrogation/identification. He has also led work on developing high-speed imaging approaches and novel algorithms for single cell analysis in real-time.

Before joining UTRGV, Dr. Iqbal served at the University of Texas at Arlington (UTA). He joined UTA Electrical Engineering Department in 2007 as an Assistant Professor (later promoted to Associate Professor). He also held an adjunct position in the Department of Urology at the University of Texas Southwestern Medical Center at Dallas. Dr. Iqbal had a courtesy appointment in the Bioengineering Department as well and directed their GAANN Fellowships Program (funded by the US Department of Education). He has received a number of awards and honors for excellence in research and teaching.

Dr. Iqbal received his Bachelor's in Electrical Engineering from NED University of Engineering and Technology, Karachi, Pakistan, and earned his Ph.D. from Purdue University, West Lafayette, Indiana, USA.