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Rashid Bashir completed his B Ph.D. from Purdue University in 1992. From Oct 1992 to Oct 1998, he worked at National Semiconductor in the Analog/Mixed Signal Process Technology Development Group where he was promoted to Sr. Engineering Manager. He joined Purdue University in Oct 1998 as Assistant Professor and was later promoted to Professor of Electrical and Computer Engineering and a Courtesy Professor of Biomedical Engineering and Mechanical Engineering. Since Oct 2007, he is the Abel Bliss Professor of Electrical and Computer Engineering & Bioengineering and Director of the Micro and Nanotechnology Laboratory (a campus wide clean room facility) at the University of Illinois, Urbana-Champaign. He has authored or co-authored over 100 journal papers, over 120 conference papers and conference abstracts, over 70 invited talks, and has been granted 33 patents. He is a fellow of IEEE and AIMBE. His research interests include BioMEMS, Lab on a chip, nano-biotechnology, interfacing biology and engineering from molecular to tissue scale, and applications of semiconductor fabrication to biomedical engineering, all applied to solve biomedical problems.