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Prior to joining the NY CREATES team, Pops served as the Director of Process Technology for SEMATECH. He has held technology leadership positions in IBM-Research, working on advanced CMOS node process technologies, Si solar cells with all-plated copper front-grid metallization, and nano-structures for DNA nucleotide recognition at Yorktown Heights, NY. Previously, he was with Texas Instruments' Silicon Technology Development organization in Dallas, TX, contributing to its process R&D efforts in memory and logic devices. Pops obtained his Bachelor of Technology in Metallurgical Engineering from IIT-Madras, India, and his Ph.D. in Electronic Materials from MIT in 1996.