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Alain E. Kaloyeros is Professor, Senior Vice President, and Chief Executive Officer of the College of Nanoscale Science and Engineering (CNSE) of the University at Albany-SUNY. He also serves as Vice



President and Special Advisor to the President for University-wide Economic Innovation and Outreach. Dr. Kaloyeros received his Ph.D. in Experimental Condensed Matter Physics from the University of Illinois, Urbana-Champaign in 1987. He has authored and co-authored over 150 articles and contributed to 8 books on topics pertaining to the science and technology of nanoelectronics and nano-optoelectronics ultrathin film materials, atomic layer vapor phase deposition processes, and nanoscale x-ray, electron, and photon-based characterization and metrology. He has graduated 32 Ph.D.s and over 50 Masters.

Dr. Kaloyeros holds 13 U.S. patents. He is a past recipient of the NSF Presidential Young Investigator Award, the NSF Research Initiation Award, the Albany Foundation 1995 Academic Laureate Award, the 1997 Center for Economic Growth Enterprise Award, the 1999 Citizen of the University Award, the 2002 Outstanding Inventor Award of the SUNY RF, the R&D 100 Award for one of the Most Technologically Significant Inventions of 2001, the 2003 Excellence in the Pursuit of Knowledge Award of the SUNY Research Foundation, and the 2004 Research Foundation Partnership in Leadership Award. Dr.

Kaloyeros was also the recipient of the 2005 Tech Valley Summit MIKE (Mentorship, Innovation, Knowledge, and Entrepreneurship) Award on behalf of the CNSE executive leadership team. He was selected for the 2003, 2005, 2007, and 2008 “Tech Valley’s Hot 10,” an annual list of the “top 10 movers and shakers” in New York’s Capital Region compiled by the Albany-Colonie Chamber of Commerce and the Capital Region media. Dr. Kaloyeros is listed in the Marquis Who’s Who in Science and Engineering, 2006-present; the AcademicKeys Who's Who in Higher Education Administration, 2005-present; and the AcademicKeys Who's Who in Sciences Higher Education, 2004-present.

Dr. Kaloyeros has been actively involved in the development and implementation of New York’s high tech strategy to become a global leader in the nanotechnology driven economy of the 21<sup>st</sup> Century. A critical cornerstone of New York’s high technology strategy is the establishment of the UAlbany College of Nanoscale Science and Engineering as a truly global resource for research and development (R&D), technology deployment, education, and commercialization for the international nanoelectronics industry. CNSE has generated over \$5.0 billion in public and private investments. The CNSE Albany NanoTech Complex houses major R&D centers involving corporate giants that include IBM, GlobalFoundries, Toshiba, Tokyo Electron, Applied Materials, ASML, Ebara, Air Products, and International SEMATECH. The CNSE Albany NanoTech Complex consists of over 800,000 square feet of state-of-the-art facilities, including 80,000 square feet of Class 1 capable cleanrooms that house the only 300mm wafer integrated R&D line in the academic world. Over 2,500 corporate and university researchers and scientists currently work on site at the complex.