



In the News

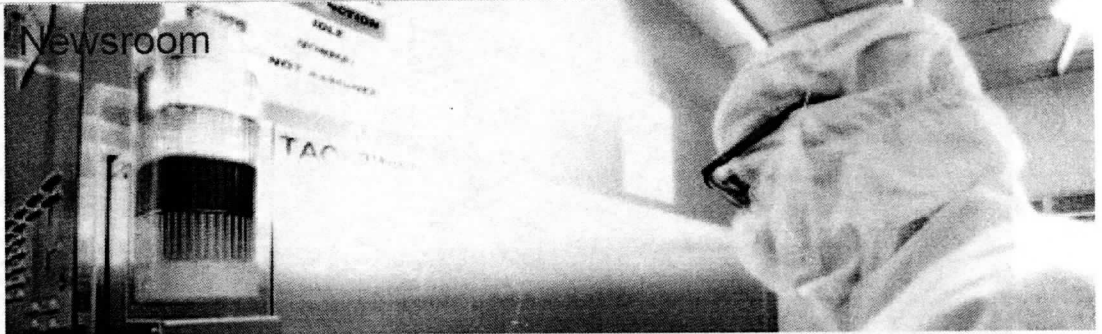
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SUNY Poly Announces \$262.5M in New Investment as Tokyo Electron Extends Pioneering Research and Development Partnership at NanoTech Megaplex

Global leader in semiconductor technology to maintain and expand operations at SUNY Poly CNSE in Albany

Albany, NY – Showcasing Governor Andrew M. Cuomo’s success in establishing New York State’s global leadership in nanotechnology innovation, SUNY Polytechnic Institute’s Colleges of Nanoscale Science and Engineering (SUNY Poly CNSE) today announced that global electronics and semiconductor company Tokyo Electron Limited (TEL™) has extended its research and development agreement through 2020, with \$262.5M in new investments at SUNY Poly’s NanoTech megaplex in Albany. Today’s announcement brings total investments in TEL’s cutting edge R&D center at SUNY Poly CNSE to more than \$1 billion.

“New York continues to be a wonderful partner to TEL. Through SUNY Poly, Governor Cuomo has created one of the finest R&D centers in the world for creating next generation chip technology, and we look forward to our continued collaboration and innovation,” said Tetsuro Higashi, President and CEO of TEL. “SUNY Poly CNSE has provided Tokyo Electron with a unique opportunity to conduct leading-edge research in a timely, cost-effective manner through its strong consortium and innovative technical support staff.”

“Today’s announcement is a testament to Governor Cuomo’s high tech economic development model which is spurring companies from around the world to bring their jobs and investments to New York State, while enabling companies that are already here to stay and expand,” said SUNY Poly President and CEO, Dr. Alain Kaloyeros, “We are excited to see the continued growth of our partnership with TEL, which leverages the Governor’s targeted high-tech investments to enable joint, leading-edge research and maintain New York State’s global leadership in the nanotechnology-driven economy of the 21st century.”

Over the next 5 years, TEL will invest \$175M at SUNY Poly’s NanoTech complex and SUNY Poly will invest \$87.5M, to continue supporting TEL’s first research and development facility outside of Japan which was established in Albany in 2003. Today, the center supports over 750 high tech employees from TEL, SUNY Poly and corporate partners across New York State.

TEL is a leader in patterning solutions and will drive novel work in Advanced Lithography directed self assembly imaging, defect optimization, and novel advanced patterning techniques. In addition, new Atomic Layer Deposition (ALD) will be developed. These technologies will enable advanced FinFET transistors, nano wires and other advanced structures for the extension of Moore’s Law to the 7 and nanometer nodes, and utilize the leading edge lithography capabilities available at SUNY Poly CNSE

TEL is a worldwide supplier of advanced state-of-the-art semiconductor production equipment (SPE) and flat panel display (FPD) production equipment. TEL is the largest manufacturer of SPE and FPD production equipment in Japan and the third largest in the world.

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SUNY Polytechnic Institute. SUNY Polytechnic Institute (SUNY Poly) is New York's globally recognized, high-tech educational ecosystem, formed from the merger of the SUNY College of Nanoscale Science and Engineering and SUNY Institute of Technology. SUNY Poly offers undergraduate and graduate degrees in the emerging disciplines of nanoscience and nanoengineering, as well as cutting-edge nanobioscience and nanoeconomics programs at its Albar location and undergraduate and graduate degrees in technology, including engineering, cybersecurity, computer science, and the engineering technologies; professional studies, including business, communication, and nursing; and arts and sciences, including natural sciences, mathematics, humanities, and social sciences at its Utica/Rome location. Thriving athletic, recreational, and cultural programs, events, and activities complement the campus experience. As the world's most advanced university-driven research enterprise, SUNY Poly boasts more than \$43 billion in high-tech investments, over 300 corporate partners, and maintains a statewide footprint. The 1.3 million-squar foot Albany NanoTech megaplex is home to more than 4,000 scientists, researchers, engineers, students, faculty, and staff, in addition to Tech Valley High School. SUNY Poly operates the Smart Cities Technology Innovation Center (SCITi) at Kiernan Plaza in Albany, the Solar Energy Development Center in Halfmoon, the Central New York Hub for Emerging Nano Industries in Syracuse, the Smart System Technology and Commercialization Center (STC) in Canandaigua, and the Photovoltaic Manufacturing and Technology Development Facility in Rochester where SUNY Po also leads the American Institute for Manufacturing Integrated Photonics. SUNY Poly founded and manages the Computer Chip Commercialization Center (Quad-C) at its Utica location and also manages the \$500 million New York Power Electronics Manufacturing Consortium, with nodes in Albany and Rochester, as well as the Buffalo High-Tech Manufacturing Innovation Hub at RiverBend Buffalo Information Technologies Innovation and Commercialization Hub, and Buffalo Medical Innovation and Commercialization Hub. For information visit www.sunycnse.com and www.sunypoly.edu.

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