

SUNY'S Impact on New York's Congressional District 3

Prepared for
Representative
Peter T. King
District
3

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In an environment that demands academic excellence and offers close interaction among students and faculty, SUNY College at Old Westbury offers more than 40 majors, leading to bachelor of arts, bachelor of science and bachelor of professional studies degrees in such curricula as the arts, natural and behavioral sciences, business, education, and the humanities. In recent years the College has introduced 14 new Masters Degree programs in our Schools of Arts & Sciences, Business, and Education. In all of its offerings, programs and activities, the college seeks to stimulate in students a passion for learning and help them discover the leaders in themselves.

District Impact Summary

Human Impact

Students: 5,585

Employees: 1,128

Alumni: 147,196

Degrees Since Inception: 55,803

Economic Impact

Total All Funds Expenditures: \$104.8 million

Payroll: \$45.7 million

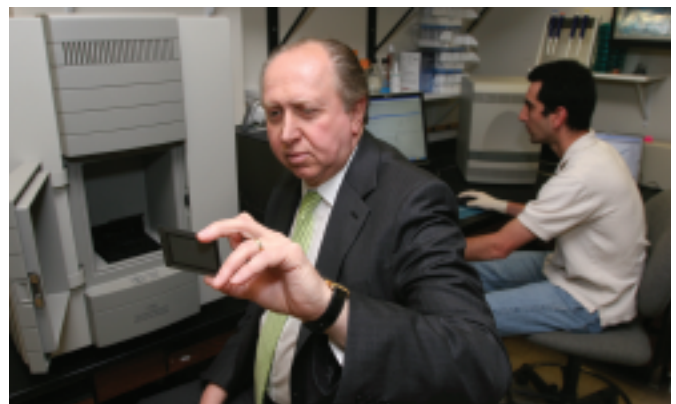
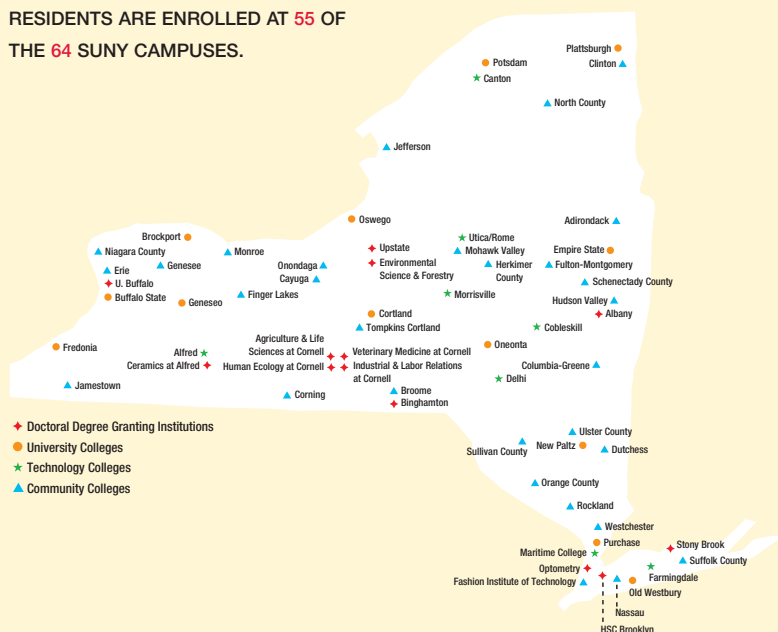
Capital Construction: \$18 million

Research and Grant Activity: \$1.68 million

(Source: National Science Foundation, FY 2007)

Unless otherwise noted, data is based on information from the State University of New York Office of Institutional Research and Analysis for academic year 2007-2008

MORE THAN **17,496** DISTRICT RESIDENTS ARE ENROLLED AT SUNY. DISTRICT RESIDENTS ARE ENROLLED AT **55** OF THE **64** SUNY CAMPUSES.



Dr. George Stefano received the Gold Medal for Science at the First Medical Faculty, Division of Psychiatry, of Charles University in Prague. His invited lecture was on Endogenous Morphine in Human Tissues.

Accounting students from Old Westbury captured first place in Long Island's first annual "College Accounting Challenge" sponsored by Margolin, Winer & Evens, LLP competing against students from Hofstra University, Adelphi University, and the C.W. Post campus of Long Island University.

Old Westbury hosted its 23rd Annual "Long Island Mathematics Conference" with over 500 teachers from Long Island and New York City in attendance. The Conference is organized each year by Jong Pil Lee, a Distinguished Service Professor at Old Westbury previously honored by the White House with a Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring.



SUNY's Impact on Long Island

With combined total expenditures of \$2.245 billion per year, the five SUNY campuses located in Nassau and Suffolk counties: Stony Brook University, Old Westbury, Farmingdale State College and Nassau and Suffolk County Community Colleges, provide key economic development resources for Long Island. These colleges have capital construction budgets of \$213 million and attract millions of dollars of research funds in the areas of wireless internet and information technology, biotechnology, engineering, cyber security, biodefense, small business development, public safety, medicine, workforce development and other areas. They enroll 81,700 students, employ more than 23,682 faculty and staff, and grant more than 13,815 degrees annually.

Long Island Impact Summary

Campuses: 5

Enrollment: 81,700

Alumni: 415,468

Employees: 23,682

Degrees Since Inception: 491,234

Total All Funds Expenditures: \$2.245 billion

Payroll: \$1.1 billion

Capital Construction: \$213 million

Research and Grant Activity: \$1.68 million

(Source: Research Foundation, SUNY, FY 2007-2008)

Unless otherwise noted, data is based on information from the SUNY Office of Institutional Research and Analysis for academic year 2007-2008

SUNY Campuses on Long Island Place High in National and International Rankings

● *Kiplinger's Personal Finance*

— 2008-Stony Brook ranked 39th on the list of *100 Best Values* in public colleges.

● *U.S. News & World Report*

— 2008-SUNY Old Westbury ranked 2nd in the category of most diverse liberal arts school, 18th among 265 national liberal arts colleges with the least debt among its graduates, and 2nd most racially diverse.

— 2008-Stony Brook University ranked 45th in the *Top 50 Best Public National Universities*, 96th in *Best National Universities*, 127th in the *Top 200 World's Best Colleges and Universities*, and 57th among the *Best Engineering Schools*.

— 2001-Farmingdale State's program in Engineering Technologies was cited among the best.

- Robert Aumann, a part-time faculty member at Stony Brook, was awarded the Nobel prize in Economics in 2005. Paul Lauterbur earned the 2003 Nobel prize in medicine for the pioneering work on the development of Magnetic Resonance Imaging (MRI) he did at Stony Brook.

Other SUNY Resources on Long Island

- The [State University Neuroscience Research Institute](#) at Old Westbury advances research into the cellular and molecular neural processes concerned with opiate and opioid signaling while providing research training and opportunities for students to learn advanced laboratory and research skills, as well as incentive for students to continue their education in the field of research.
- [Old Westbury](#) is now the site of a Long Island U.S. Exports Assistance Center. In cooperation with the U.S. Department of Commerce the campus will promote U.S. exports through trade events including conferences and workshops.

- [Empire State College](#) provides undergraduate and graduate degrees through three regional centers and units located on Long Island, Hauppauge, Old Westbury, and Riverhead.
- [Center of Excellence in Wireless and Information Technology](#) at Stony Brook is mandated to sustain and enhance global leadership for New York in the ongoing information technology revolution, focusing on new wireless technologies, networking, software systems and architectures, and communication devices and infrastructure, and applications for the healthcare, transportation and m-commerce sectors.
- The [CAT in Medical Biotechnology](#) at Stony Brook University is involved in the discovery, development, translation and commercialization of promising biotechnology resulting from academic research centers around New York State. The Center identifies commercially promising technologies that will lead to accelerated product development cycles, increased corporate revenues, or new company formation.
- The [Center for Advanced Technology in Sensor Systems](#) at Stony Brook University provides an organizational framework and intellectual and material resources for industry-university research collaborations to develop infrared, optical, x-ray, magnetic, and MEMS-based and superconducting electronic sensor technologies for applications including homeland security and national defense, clinical care and biomedical research, and mobile systems.
- The [STAR Center in Biomolecular Diagnostics and Therapeutics](#) at Stony Brook will be a state-of-the-art enterprise dedicated to discovery-based research and technology development in the areas of functional genomics instrumentation, gene discovery, drug design and delivery, and smart micro- and nano-based biomaterials and biosensors.
- Old Westbury is a hub of [mathematics education](#) on Long Island. It is the home of the prestigious Institute of Creative Problem Solving for Gifted and Talented Students, the successful Long Island Mathematics Conference and the Institute of Leadership Development for Teaching Mathematics and Technology. Combined, these programs provide in-service training for more than 500 teachers annually.
- [Brookhaven Science Associates, LLC \(BSA\)](#) is a limited liability company formed by Battelle Memorial Institute and the Research Foundation on behalf of Stony Brook to operate the world-famous Brookhaven National Laboratory. The partnership gives Stony Brook, the largest institutional scientific user of Brookhaven, greater access to its facilities and staff, 600 research programs and the more than 4,000 visiting scientists from around the world who are conducting research in fields ranging from high energy physics to medicine to environmental science.
- [Broad Hollow Bioscience Park](#), developed on the campus of Farmingdale State College in conjunction with Cold Spring Harbor Laboratory, nurtures young biotech firms.
- The [Stony Brook Software Incubator](#) provides an ideal setting for the start-up and successful growth of the next generation of software developers and manufacturers.
- Through the [NYS Small Business Development Center](#), SUNY administers five campus-based regional and outreach centers that provide expert management, technical assistance and training to start-up and existing businesses on Long Island. These SBDC's are located at Farmingdale State College, Stony Brook University, Southampton, Brookville, and Patchogue.
- [Sayville Center](#). Operating the largest nursing program in the State, Suffolk County Community College has established seven hospital partnerships, attracting over \$7 million to support the education of the region's next generation of nurses.