Facts About the SUNY 2020 Challenge Grant Application

SUNY 2020 is a program designed to make SUNY a leading catalyst for job growth in New York State while strengthening the academic and research programs at SUNY's four University Centers. The initial phase of the program focuses on a $35 million capital construction challenge grant that will be awarded to each Center upon approval of a detailed, long-term economic development and academic enrichment plan. Tuition flexibility will be implemented to allow Stony Brook and the other University Centers to attract and retain the best and the brightest faculty to the SUNY system. The tuition increase would be less than $200 per semester in the first year of the plan.

The infusion of additional revenue generated through predictable tuition increases will make it possible to plan and build on the University’s future. It will allow for 245 more faculty to be hired over the next five years and open Stony Brook’s doors to an additional 1,500 students. Stony Brook University will be able to invest in these hires provided our direct State aid is not further reduced. Approximately 35 percent of the revenue from enhanced tuition will be dedicated as financial aid to cover the gap between the higher-rate tuition and what Tuition Assistance Program (TAP) awards pay in financial aid to students whose families earn less than $75,000 per year. Stony Brook will ensure that higher tuition does not put a Stony Brook education out of reach for those students.

The SUNY 2020 Challenge Grant would:

- Allow Stony Brook University tuition flexibility so it can attract and retain the best and brightest faculty
- Provide $35 million to jump-start the construction of a building tied to a key economic development initiative and create 4,200 construction jobs

The Stony Brook plan would foster economic growth and create jobs; increase students’ access to quality, affordable public education; and ensure that Stony Brook University maintains its status as a premier public research institution. Most important, every student at Stony Brook University would benefit from the plan.

### Economic Growth and Job Creation

Additional revenue generated under the SUNY 2020 program at Stony Brook would be invested in:

- 245 new faculty hires
- 368 new staff/graduate student hires
- 80 new clinician hires
- Leveraging State, federal, and private research grants of more than $50 million per year, which will spin off more than 1,000 new jobs
- Creating nearly 1,000 jobs through research partnerships with industries that bring new ideas to the marketplace
- Matching and growing the $35 million State Challenge Grant to build a $194 million Medical and Research Translation (MART) building, where patient care and research will come together in one location, and where the focus will be on cancer research and care and biomedical imaging. The MART building will enable physicians and scientists to collaborate and identify solutions to problems in the treatment of disease. This commingling will foster an environment in which basic science discoveries in the laboratory will more quickly become treatments, therapies, and cures for patients. The MART’s cancer care unit will more than double Stony Brook’s outpatient cancer care services and enhance inpatient cancer care on Long Island.

### Increased Student Access

Tough economic times have cut funding to Stony Brook University and, coupled with stagnant tuition, have resulted in a reduction of faculty, fewer class offerings, and students’ being shut out of classes they need to graduate due to lack of space. This year, for the first time, Stony Brook University reduced the number of students admitted to its freshman class by 300—the University simply cannot offer the classes these students need because there are not enough faculty to teach the courses. In addition, many students who are already enrolled must spend an extra semester or year in school to get all the credits they need for their
degrees. For low-income students, TAP funding runs out after four years, leaving them scrambling for the funds they need to complete their degrees.

The infusion of additional revenue generated through higher tuition will allow for more faculty to be hired over the next five years and enable Stony Brook to admit an additional 1,500 students. Approximately 35 percent of the revenue from enhanced tuition will be dedicated to needs-based financial aid/scholarships and will help close the gap between the higher-rate tuition and what TAP awards pay.

**Every Student Will Benefit**

This plan is not just about creating jobs and enhancing Stony Brook’s research capabilities—although it will accomplish both of these goals. **The most important aspect of this plan is that every student at Stony Brook University will benefit from SUNY 2020.** Faculty will be added to every single school or college at the University. Students enrolled in every degree program will benefit from the increased number of faculty and course sections. An additional 400 undergraduate research placements will be created. Additional faculty will improve the current four-year graduation rate by 8 percent and the six-year graduation rate will improve by 10 percent. And the student-to-faculty ratio will improve from the current 28 to 1 to 21 to 1—better than the public AAU average of 22 to 1.

**Maintaining Stony Brook’s Status as a Premier Research University**

Stony Brook is one of two SUNY schools admitted to the prestigious Association of American Universities (AAU), an organization of the top 62 research universities in North America. Improving Stony Brook’s student-to-faculty ratio and increasing its research activity are vital to ensuring its membership standing in the AAU and the distinction associated with it.

Research universities have higher operating expenses because of the need for:
- State-of-the-art laboratories
- Extensive, up-to-date libraries
- High-tech equipment that must be kept current
- Specialized equipment (e.g., research vessels, high-tech lab equipment, imaging technology)
- Higher salaries for world-class research scientists

**A Record of Innovation and Economic Development**

Stony Brook University is the only public research university in New York State to partner with a national laboratory. As co-manager of Brookhaven National Laboratory for the U.S. Department of Energy, Stony Brook can leverage State and federal research funding and partner with Brookhaven National Laboratory for technology development. Increased tuition revenue will further enhance this unique relationship by enabling faculty hires and research funding.

Research at Stony Brook University has generated:
- 44 new companies, 31 of which are located on Long Island
- Average royalty income of between $10 million and $15 million, accounting for 97 percent of all royalty income in the SUNY system
- 1,400 invention disclosures and more than 800 patents
- The creation of SUNY’s first two FDA-approved drugs, ReoPro® and Periostat®
- FDA approval of Oracea®, an oral medication to treat rosacea; and Xiaflex®, to treat Dupuytren’s contracture

Stony Brook is home to two Centers for Advanced Technology (CATs), in biomedicine and sensor systems. The University’s economic development programs include the Strategic Partnership for Industrial Resurgence (SPIR), the New York State Small Business Development Center (SBDC), and the University’s four small business incubators. It is also home to one of New York State’s Centers of Excellence, the Center of Excellence in Wireless and Information Technology (CEWIT), and the Advanced Energy Research and Technology Center (opening in late 2011), which have leveraged millions of dollars of private investments in research.

Stony Brook University is the largest single-site employer on Long Island with 14,500 employees in well-paying jobs, averaging $76,000 per year. The University’s estimated economic impact is $4.65 billion per year.

For more information, contact the Stony Brook University Office of External Relations, (631) 632-6302.