

A YEAR OF PROGRESS: Campus Changes are Real, Meaningful

Stony Brook made major strides during the 1995-96 academic year in improving campus life, undergraduate education, management systems and the physical appearance of the campus.

That is the central theme of a *Report to the Campus Community on 1995-1996 Achievements*, just issued by President Shirley Strum Kenny. The report also describes progress toward goals identified in the development of a Five Year Plan for Stony Brook.

"It is important for us to recognize how far we have already come," said Dr. Kenny in releasing the document. "Significant progress has been made on many of the priorities identified in the planning process. Dealing with budget cuts and reducing the campus debt and deficit were necessary first steps." The Five Year Plan, which Dr. Kenny will release in the fall, incorporates the thinking of nine Task Forces which were asked to develop recommendations for action in areas critical to Stony Brook's future. Last fall, a Coordinating Committee developed the first draft of a plan synthesizing their work. The Committee is currently writing its final draft.

"Some common themes ran through the Task Forces' reports that identified priorities for Stony Brook. Three of these themes have been foci for action during 1995-96," Dr. Kenny notes. They include:

- Improving the appearance of the campus
- Information technology
- Parking and transportation.

Other Task Force recommendations on which action has been taken include smoothing students' progress through the curriculum, providing incentives for innovations in teaching, simplifying student registration procedures, developing career placement services, reorganizing international programs, improving the residence halls, and enhancing on-and off-campus communications and fund raising.

Here is an area-by-area look at the Campus Initiatives:

Dealing with a Reduced Budget

Administrative costs were reduced by \$1.6 million.

Through implementation of the Arthur Andersen recommendations and other reorganizations, \$1.2 million was cut from administrative units in 1995-96.

Changes in purchasing procedures will generate an additional \$400,000 in savings.

Permanent staff reductions with a value equal to approximately half the administrative savings were made in 1995-96.

One third of the internal campus debt was eliminated.

President Kenny pledged last fall to eliminate the internal debt and structural deficit in three years. One-third was eliminated in 1995-96.

Internal fees totaling \$1.4 million were eliminated.

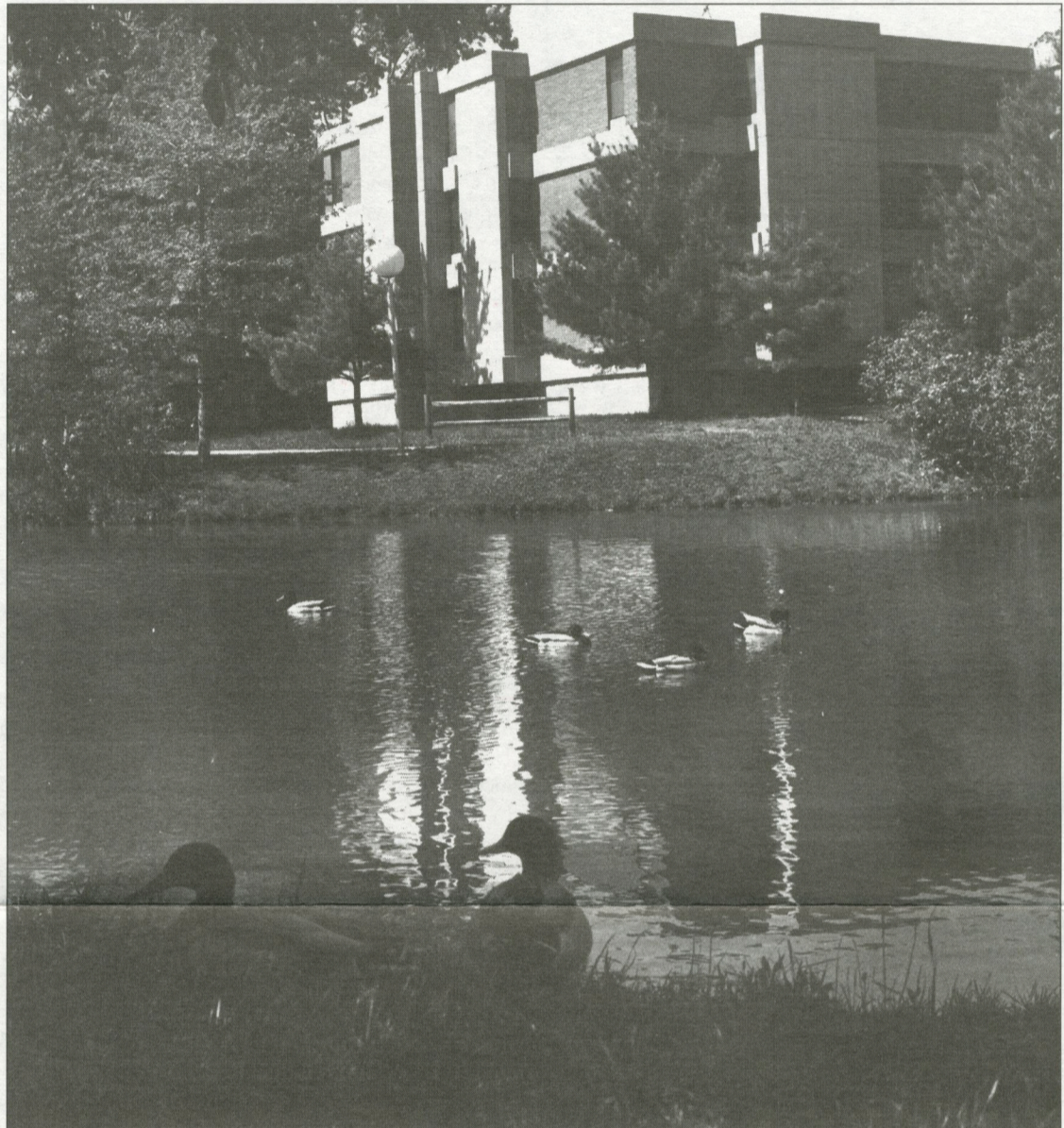
A comprehensive review was completed of the fees charged to on-campus clients by administrative and support services.

Eleven fee categories were eliminated, including computer recharges, audiovisual services, custodial charges for events, moving services, and maintenance projects under \$500. Savings also accrue from eliminating the accounting effort required to manage fee revenue.

The purchasing process was re-engineered to improve the quality and efficiency of service.

Purchasing and accounts payable offices are being consolidated.

Central Stores was replaced by contracts with Weeks Office Supply and Fisher Scientific that offer significant discounts and next-day delivery service while eliminating overhead costs.



Stony Brook's Residence Hall Revitalization Program has been accelerated and expanded. All residence halls will be rehabilitated by the year 2000, seven years ahead of schedule. (Above: Roth Quad)

Electronic requisitioning is being offered to all departments to reduce paperwork.

A procurement card pilot project involving 20 departments is beginning this month. These departments will be able to use a special American Express card for purchases up to \$500. The charges will be automatically deducted from their budgets.

Reorganizations increased effectiveness and efficiency.

A Vice President for Administration will replace two vice presidents.

A Dean of Arts and Sciences will replace four divisional deans.

The Office of International Programs was reorganized.

The Stony Brook Foundation Business Office was reorganized, and the staff was reduced from 9 to 5 people.

Payroll-related transactions were simplified.

An electronic direct deposit program was instituted.

Parking charges were added to the payments employees can choose to have deducted from their paychecks.

The appointment process was simplified as a result of the creation of the Employees Services Unit.

Campus Appearance

Student areas are being repaired and refurbished.

Comfortable study space and two small classrooms will be built on the second story of the Javits Lecture Center during the summer.

Seating areas have been refurbished on Level 2 of the Health Sciences Center and in the lobby of Social and Behavioral Sciences.

One of the large Health Sciences Center lecture halls was recarpeted.

Grounds projects to improve the appearance and conviviality of the campus are planned for the summer.

Paving will be repaired in the plaza areas around the Javits Lecture Center, the Library, the Fine Arts Center and the Engineering quadrangle.

Planters and foot lighting will be installed to soften the landscaping of the Fine Arts and the Javits plazas.

Sod will be laid outside the library.

Waste receptacles of uniform design will be installed on the Academic Mall as the first step toward improving its appearance.

A project to upgrade campus lighting to enhance the safety and appearance of the campus has begun with the installation of brighter and more attractive lights on the Academic Mall.

Park benches and picnic tables will be installed in several locations.

A Green Team program was created to involve the campus community in improving the appearance of the campus.

More than three dozen "Green Teams"—composed of students, faculty and staff—have adopted sites and will take responsibility for planting and maintaining small gardens across the campus.

The Pollack-Krasner House was designated a National Historical Landmark.

The Pollack-Krasner Foundation has pledged \$75,000 to support the Center's historic preservation and education goals. A new fund-raising board, the Guardians Council, which will spearhead the Center's capital campaign and endowment drive,

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was announced at a reception held this month at the Museum of Modern Art.

In recognition of the site's status as a National Historic Landmark, New York State's Natural Heritage Trust has given the Center a \$15,000 grant to preserve this valuable cultural resource.

STONY
BROOK

This garden was planted
and is being nurtured by
The Statesman

green team

Volunteer "Green Teams" created three dozen new campus gardens this spring. The beautification was inspired by the staff of the Statesman (the student newspaper); they planted and will maintain greenery outside the new Student Activities Building (Above: plaque at the site).

Parking And Transportation

Bus service and service to campus motorists were improved.

Bus service to off-campus shopping areas and the Health Sciences Center was expanded.

A Motorist Assistance Program was created to provide campus motorists help with jump starts, lockouts, and poor weather conditions.

Commuter students were given increased access to core campus lots.

Commuter students are now permitted to park after 4 p.m. in all lots not designated as 24-hour faculty-staff parking and have access to the garages with a pro-rated card.

The safety and convenience of campus parking and roadways is being increased.

New signs were installed in parking areas and on campus roadways.

Blue-light security telephones and surveillance cameras will be mounted in South P-lot.

A three-year plan for further improvements was established.

Beginning in Fall 1996, Stony Brook students—like those at all the other SUNY University Centers—will pay a student transportation fee. The fee will start at \$20 per semester in 1996-97 and rise to \$40 per semester in 1998-99, with state funds compensating for lower fee revenue during the phase-in period. The fee will fund:

On-campus bus service with no charge to the rider.

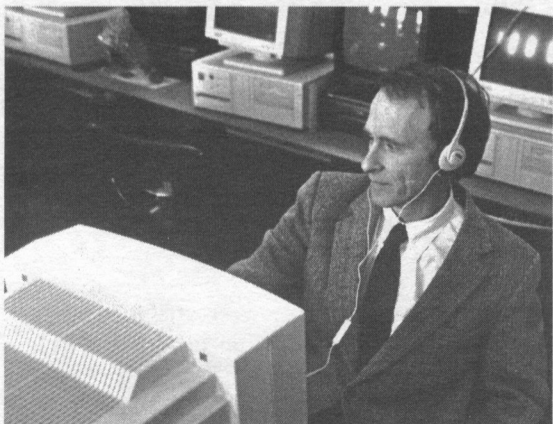
Bus service to shopping areas with no charge to the rider.

Extension of off-campus bus service to Port Jefferson.

Improved parking facilities including resurfaced lots and additional parking spaces in the core campus lots.

Increased patrols in parking lots.

A new climate-controlled bus shelter in P-lot.



Mike Ledgerwood, director of the newly-opened Language Learning Center, puts the system to the test. The 30-seat multimedia center is housed at the Melville Library.

Information Technology

Instructional computing facilities were expanded.

A 26-seat computer classroom was built in the Melville Library.

A 30-seat Language Learning Center was built in the Melville Library for multimedia instruction in the humanities, fine arts and other disciplines.

The Javits Lecture Center was equipped with three high-resolution video projection units.

The Social and Behavioral Sciences SINC site was upgraded.

A more powerful server was installed to support student computing.

Student access to e-mail was extended.

The Health Sciences Library was revitalized.

New information services and systems are in place.

The SINC site is being expanded and upgraded.

The HSC Library on-line catalog is now available on the World Wide Web.

The campus network was extended and enhanced.

The Humanities Building, Melville Library, Fine Arts Center and three residence halls were added to the network, with one more scheduled this summer.

Network technology was upgraded.

A three-year plan for further improvements was established.

Beginning this fall, Stony Brook students—like those at all the other SUNY University Centers—will pay a student technology fee. The fee will start at \$20 per semester in 1996-97 and rise to \$40 per semester in 1998-99, with state funds compensating for lower fee revenue during the phase-in period. This revenue stream will support the purchase, periodic replacement, and staff support for an additional 400 student workstations and 72 off-campus access ports for student use.

Undergraduate Education

The National Commission on Educating Undergraduates in the Research University began meeting in July, 1995. This Commission, convened by President Kenny, engages some of the nation's most distinguished scholars and scientists in identifying ways to develop the symbiosis between research, graduate education and undergraduate education and to use the resources of research universities to enliven and enrich the undergraduate experience.

A Long Island Consortium for Interconnected Learning in Quantitative Disciplines, led by Stony Brook, is developing innovative courses and curricular materials that will change how faculty teach and how undergraduates learn mathematics and related quantitative disciplines. Funded by the National Science Foundation (\$2.8 million over the next four years), the project is starting with a consortium of ten Long Island colleges and universities.

In 1995-96, incentives were established to encourage and reward innovative teaching:

An Academy of Teachers-Scholars is being created to encourage educational innovation and to honor and reward excellent undergraduate teaching. Up to five faculty members will be chosen annually by the Undergraduate Council on the basis of teaching excellence and a project to invent or re-invent courses, develop curricular concentrations, mentor colleagues or otherwise innovate in undergraduate education. Those elected will receive financial support for their projects and share their expertise with other faculty by, for example, making classroom visits and mentoring junior faculty.

Presidential Mini-Grants for Innovative Teaching Projects were initiated this past January. This competitive grant program awards faculty members funds for projects that will enrich students' classroom experience. Nine awards were made for the 1996-97 academic year.

Access to introductory classes was increased:

The Division of Humanities and Fine Arts initiated a new student seminar to introduce the humanities.

All new students required to take writing composition (EGC 101) will be guaranteed seats in Fall 1996, and all new students will be guaranteed placement in the appropriate freshman mathematics course.

A mechanism was established to monitor excess demand for courses during registration. Registration procedures for Fall 1996 were changed



An autumn version of *Pride Patrol*, the traditional campus-wide spring clean-up, was added to the list of Stony Brook's annual events for the first time this past fall.

to improve student placement by permitting students to register in only one section of a course at a time.

The number of seats in organic chemistry (CHEM 327) was significantly increased.

In Fall 1996, there will be 20% more seats in introductory biology (BIO 151). In addition, the course will be offered in spring semester as well as the fall.

Biology teaching laboratories were air conditioned. Chemistry teaching laboratories are scheduled to be air conditioned this summer.

Stony Brook undergraduate and graduate students won prestigious national awards.

Two Equal Opportunity Program students—in biochemistry and economics/business—were elected to Phi Beta Kappa.

A student in biology won the UNCF-Merck Undergraduate Science Research Award Scholarship in a national competition. The scholarship is valued at more than \$35,000.

Two students—in biochemistry and electrical engineering/physics—were named Goldwater Scholars, a highly competitive award that carries a \$7,000 scholarship.

An anthropology student won the \$32,000 Beineke Memorial Scholarship from the Sperry Fund.

Two students—in mathematics and ecology and evolution—won 1996 National Science Foundation Graduate Research Fellowship Awards. Two students—in electrical engineering and computer science—won 1996 National Science Foundation Graduate Research Minority Fellowship Awards. In addition, three students who identified Stony Brook as their first choice for graduate education won National Science Foundation Research Fellowship Awards. Two Stony Brook students and two who identified Stony Brook as their first choice received National Science Foundation Honorable Mention Awards.

Student Services and Facilities

A consolidated Student Services Center was created to provide students with "one-stop shopping" for registration, billing and financial aid transactions.

Services provided to students in the lobby of the Administration Building—registration, billing, and financial aid—were merged so that students can complete all their transactions, except financial aid counseling, in one visit to a single window.

The telephone registration system was extended to include billing and other functions, and utilization increased dramatically.

In Spring 1996, 76% of all students completed their initial registration by telephone. Two-thirds of all add/drop transactions were processed by telephone.

As of Spring, 1996, students are able to use the telephone to pay tuition fees with a credit card, make add/drop transactions and register for Health Sciences Center classes.

An automated inquiry function allows students to hear their grades, charges and payment information, general information about financial aid and information about their own financial aid package.

Student billing was simplified.

Miscellaneous charges previously billed separately, such as art and engineering fees, were added to a consolidated single bill.

Electronic funds transfer was established to simplify and accelerate crediting financial aid payments to student accounts.

Computer access to student and class records was provided.

Seven SOAR (Student Online Access to Records) terminals were installed to give students and advisors access to schedules, grades and mid-term advisory grades, DARTS (Degree Audit Record Tracking System) information, transcript request status, admission information, billing, advising and registration blocks. Five more terminals will be added this summer. In the fall, this information will be accessible through the World Wide Web.

A Career Placement Center was created.

A Director of the University Career Placement Center was hired in March to expand the services of the former Career Development Office to include placement services.

JOBTRACK—an information management system that gives students access to a comprehensive job listings data base—was made available to Stony Brook students.

The Commuter Student Affairs Office opened.

Located in the Stony Brook Union, the Commuter Student Affairs Office provides advocacy, programming, support service and outreach for commuter students. The first bi-annual commuter student newsletter was published in April.

Services for disabled students were improved.

The Disabled Students Services Study Lounge was refurbished and accessible lockers were installed.

The Disabled Students Services office was refurbished and equipped for students requiring special test accommodations.

Planning funds were released for Phase 2 of the Student Activities Center.

Construction of the first phase of the Student Activities Center is nearing completion. The facility is scheduled to open this winter. Phase 2 will include additional meeting rooms, multipurpose space for events, lounges, offices and an art gallery.

The School of Medicine expanded co-curricular programs for medical students.

New programs included money management workshops, a peer group stress reduction program, several student volunteer programs, an exchange with Russia, and hosting the American Medical Women's Association Regional Spring Conference. An Annual Award for Special Consideration to

Undergraduates was created.

This new award recognizes an employee's outstanding dedication to making the undergraduate experience successful.

Campus Life

Athletics

Stony Brook entered the prestigious New England Collegiate Conference, the next step in its move into Division I.

Diversity

Presidential Mini-Grants for Departmental Diversity Initiatives were initiated in January. This competitive grant program seeks to involve students and stimulate faculty to confront problems of diversity in the context of a department's particular needs. Four awards have been made for the 1996-97 academic year.

New annual events

New events include:

- Fall Pride Patrol
- A President's Tea to honor December graduates
- The Presidential Lecture Series

Programs and attendance for weekend events increased substantially.

Attendance at events on the weekend of April 19-21, for example, topped 8,500 people. The Ultimate Spring Blast included a Cardboard Regatta (formerly, the Roth Quad Regatta) which drew more than 2,500; a carnival (1,200) and a Spirit Night and Talent Show (3,200). In addition, nearly 600 attended the Interfraternity-Sorority Council Week Picnic; the LASO (Latin American Student Organization) semiformal drew 650 people including alumni and parents; and 500 participated in the Latin Block Party.

Student Health

Student health services were extended. The CHOICE (Choosing Healthy Options in the College Environment) Resource Center developed an award-winning student theatrical production that deals with substance abuse on college campuses, and a "Reality Check" substance abuse outreach program was developed that includes posters, fliers, and newspaper ads.

Residence Halls

The schedule for the residence hall revitalization program was continued, accelerated and expanded.

Wagner and Keller residence halls have been rehabilitated and will be ready for occupancy in the fall. That will complete all four halls in Roosevelt Quad, which, in addition to those already completed in Roth Quad, brings to nine the total number of renovated facilities.

The renovation schedule has been accelerated so that all the residence halls will be completed by 2000 instead of 2007 as previously planned.

A cafeteria rehab program was initiated.

During 1995-96, Stony Brook developed a financial plan and obtained approval to renovate all five residence hall cafeterias by 2000. Work will begin on Roosevelt Cafeteria this summer.

Other repairs and maintenance improvements were also completed.

Bathroom repairs were completed in Tabler, Mendelsohn and Roosevelt Quads.

Weekend custodial services were initiated in corridor-style residence halls, and an evening maintenance shift was added to provide for emergency response.

An Interdisciplinary Arts Living-Learning Center opened in Greeley College.

The new unit brings to seven the number of Living Learning Centers on campus. There are six other residential programs accommodating 765 students. Fifty-five academic courses are offered in these residence halls each semester.

Student computing facilities (SINC sites) were opened in three residence halls and another will be ready by Fall 1996.

SINC sites were opened in Benedict, Baruch and Stimson Colleges. Cardoza College will have one by the fall.

World-famous designer Milton Glaser created Stony Brook's new logo as part of a broader identity program for the University.

Communication

An identity program for Stony Brook was developed by Milton Glaser.

Mr. Glaser, a world-renowned designer, created a new logo for Stony Brook that will be part of a new image for the University in publications, signs and other components of its visual identity.

A short-range AM radio station has been established to enhance campus communications.

The station broadcasts information about campus road and parking conditions to listeners within a five-mile radius of the University. In addition, it provides public-service announcements, and weather and traffic information for commuting students, faculty and staff. The station—at 1620 on the AM dial, but moving to 1630 later in the year—made its debut at commencement, guiding visitors and campus personnel to available parking areas.

On-campus communications were improved.

The in-house newspaper, *Happenings*, was enlarged to carry more campus and research news.

Some 50 academic and administrative departments now have home pages on the Web, among them Human Resources, which provides on-line access to campus job opportunities, personnel forms, and information about how to complete personnel transactions.

By Fall 1996, faculty and staff will be able to use Netscape to get class rosters and information on leave accruals and telephone bills.

Alumni outreach increased.

The Alumni Association moved into larger and more readily accessible space on the first floor of Melville Library.

This month, a new magazine—*The Brook*—for alumni and other audiences, will debut.

A new quarterly newsletter for alumni was created with the first issue scheduled for publication next winter.

An alumni chapter was established in Southern California.

Public Relations And Development

Media coverage of Stony Brook increased by 70% in 1995-96.

Every metropolitan area television station, every network, CNN, and—for the first time—C-SPAN, provided coverage of Stony Brook people and events.



A consolidated Student Services Center was created in the lobby of the Administration Building to provide students with "one-stop shopping" for registration, billing and financial aid transactions.



To supplement their classroom and lab work, Health Sciences Center students now have use of expanded HSC Library information systems and services including the library's on-line catalog, now available on the World Wide Web.

Comments from and stories about Stony Brook faculty, students and staff regularly appear in *Newsday*, the *New York Times*, the *Wall Street Journal*, *USA Today*, the *Daily News* and the *New York Post*. National magazines including *Wired*, *Women's Day*, *Men's Fitness* and *Discover* are among dozens of publications that have reported on Stony Brook people, research, and events. News about Stony Brook is also carried internationally by the Associated Press, Reuters and the United Press International.

Fundraising increased.

As of May, 1996:
 Stony Brook Foundation revenue increased \$500,000.
 Pledges from the Telefund and Annual Fund total \$400,000
 The Athletics Department raised \$400,000
 Planned giving for the year totals \$100,000.
 University Medical Center sponsored a variety of fundraising events including a Child Life Walk, a Research Classic Golf Tournament and the Wachsman Spring Concert.
 A scholarship event planned for the summer by the University Scholarship Benefits Committee—a volunteer alumni/friends group—has brought in \$70,000 from sponsors before ticket sales have even begun.
 Membership in the John Toll Society increased 28%. Membership recognizes the generosity of donors who have made planned gifts or provisions in their wills of \$25,000 or more.
 Several new initiatives were established to increase future giving, including a volunteer-led effort to solicit gifts of \$1,000 or more; a Stony Brook Corporate Associates Group for university/corporate partnerships; a faculty/staff campaign; and a new Friends fund-raising group on the South Shore.

Selected Academic Achievements

Enrollment continued to increase.

Fall 1995 enrollment totaled 17,665, which was slightly higher than Fall 1994 enrollment (17,617) and only 32 students below the all-time record high reached in Fall 1991 (17,697 students).

Total expenditures for research and development increased 8% between 1994 and 1995.

Total expenditures, including institutional contributions, increased from \$113.2 million in fiscal year 1994 (7/93-6/94) to \$122.6 million in 1995.

New academic programs were created in response to student and labor-market demand.

An occupational therapy undergraduate program opened.
 A midwifery master's program taught with distance-learning opened.
 The Student-Community Development specialization in the Master of Social Work program enrolled its first students. The program is a collaborative effort between the Division of Student Affairs and the School of Social Welfare.
 An undergraduate India Studies program was created. It will become an academic minor.
 Approval was obtained to begin the Ph.D. in Social Welfare. Students will matriculate in Fall 1997.
 Approval was obtained for advanced graduate certificates in Biomedical Engineering and Information Systems Management. Students will matriculate in Fall 1997.

Interdisciplinary efforts expanded.

Final bids are in review for construction of a multi-disciplinary research/teaching building, the Center for Molecular Medicine Research Building. Construction of this annex to the Life Sciences Building is scheduled to begin during the summer.
 A shared-beam line at the National Synchrotron Light Source was created in collaboration with Brookhaven National Laboratory and Cold Spring Harbor Laboratory to support the Structural Biology Initiative in the Center for Molecular Medicine.
 The Whittaker Foundation awarded close to \$1 million to Stony Brook to support the development of the Biomedical Engineering program.
 Applications were developed for a Clinical Research Center and a Diabetic Endocrine Research Center.

Faculty members received prestigious national and international awards. A sampling:

Dr. Richard Gambino in Materials Science and Engineering, who received the 1995 National Medal of Technology, the nation's highest honor for technological achievement, for his work on CD-ROM technology.
 Dr. Douglas Futuyma in Ecology and Evolution, who was made a fellow of the American Academy of Arts and Sciences.
 Dr. Blaine Lawson in Mathematics, who was elected to the National Academy of Sciences.
 Dr. Jainendra Jain in Physics, Dr. Temma Kaplan in Women's Studies and History, and

Dr. Axel Meyer in Ecology and Evolution, who were awarded Guggenheim Fellowships.
 Robert Keeler, a member of the adjunct faculty in English, who won a 1995 Pulitzer Prize for Journalism.
 Dr. Patricia Wright in Anthropology, who was highly honored by the government of Madagascar with the *Medaille de Chevalier de l'Ordre National*.
 Dr. Donald Lindsley, associate chair, Earth and Space Sciences, who will receive the Mineralogical Society of America's top award, the 1996 Roebling Medal.
 Dr. Richard Howard in philosophy, who was awarded the *Ordre des Palmes Academiques* by the French government in recognition of his contributions to that nation's intellectual and academic life.
 Dr. Eckard Wimmer, chair, Microbiology, who was named winner of a prestigious Humboldt Research Award for Senior U.S. Scientists.

Outstanding research achievements occurred in many fields.

Stony Brook physicists, led by Dr. Luis Orozco, became the first to trap the element francium.
 As part of the National Center for Genome Research (Human Genome Project) Dr. Serge Luryi in Electrical Engineering received a \$1.9 million award for DNA sequencing.
 NASA awarded Dr. David Larson in Materials Sciences two grants totaling \$1.6 million for experiments on the space shuttle.

Outstanding achievements in clinical research included:

Development of a new test to diagnose heart attacks in the emergency room (Dr. Gerard Brogan, Emergency Medicine).
 Marketing of Enhanced External Counterpulsation, a new non-invasive treatment for angina pectoris (Dr. Peter Cohn, Cardiology; Dr. Harry Soroff, Surgery, and others).
 A major breakthrough in finding the enzyme responsible for short-term memory loss (Dr. Sidney Strickland, Pharmacology).
 FDA recognition of Boron Neutron Capture Therapy (BNCT) for brain cancer (Dr. Magdy Shary, Neurosurgery). University Medical Center, in cooperation with Brookhaven National Laboratory, has the only BNCT program in the United States.

University Medical Center opened four new clinical centers and received a national award for excellence.

- A Breast Care Center
- A Primary Care Center
- An Osteoporosis Center
- A Workers Wellness Center, housed in the IBEW Union Building, Hauppauge.
- The American Heart Association gave Stony Brook its 1996 Award for Excellence in Cardiovascular Programs.

Stony Brook continued to develop its role in economic development.

Federal funding for collaborative university-industry projects, developed as part of project SPIR, is expected to reach \$9 million in 1995-96 compared to \$7 million in 1994-95. State and industrial funding for SPIR at Stony Brook also increased.
 Construction of an addition to the Long Island High Technology Incubator has been completed, with the first tenants taking occupancy this month. The new wing will house a pilot biomanufacturing facility developed as a collaborative project between Stony Brook, Collaborative Laboratories, LIHTI and the Research Foundation. It will manufacture small-batch, FDA-approved experimental drugs used in pharmaceutical research.
 In its *Project Long Island* plan, the Long Island Association identified as a top priority, the development of Stony Brook as a major research university.
 An Industrial Partnership Program was established to encourage and support industry/university research collaboration.
 An Office of Economic Development and an Office of Technology Licensing and Industrial Relations were created.
 Workshops were offered on the development of intellectual property, patents and commercialization.

For more information, contact Emily Thomas, Director of Planning and Institutional Research, at 632-6210.