

HAPPENINGS

FACULTY/ STAFF/ FRIENDS NEWSLETTER

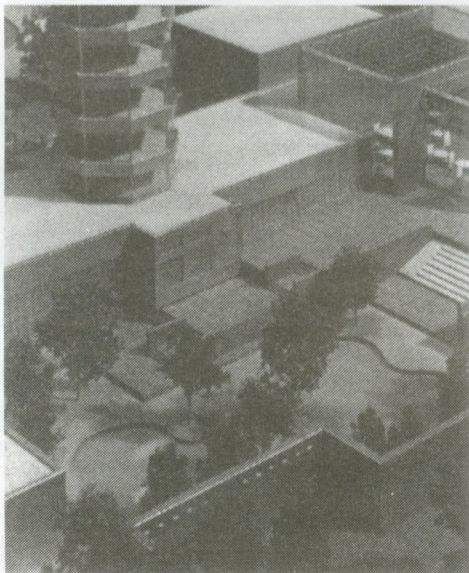
STONY
BROOK
STATE UNIVERSITY OF NEW YORK

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Vision Becomes Reality

“Stony Brook soared in 1996-97. We received worldwide recognition for research and private contributions; we were frontrunners in national rankings; we made significant progress on the physical plant. We also made all our goals for the second year of the Five Year Plan. And we achieved a lot more than that.”

— President Shirley Strum Kenny



Top: President Shirley Strum Kenny at the podium.
Bottom: a model of the Asian American Cultural Center. Charles Wang, Chairman of Computer Associates International, gave Stony Brook \$25 million—the largest private donation in SUNY's history—to build the center.

In this special edition of *Happenings*, the President reports in detail on the many accomplishments for the year:

- ★ In a national study of research universities, Stony Brook was tied for second among public Research I universities, behind only UC Berkeley.
- ★ University Hospital was named one of the best 15 teaching hospitals in the country and one of the best 100 hospitals overall.
- ★ Charles Wang, Chairman of Computer Associates International, gave Stony Brook \$25 million, the largest private donation in SUNY's history, to build an Asian American Cultural Center.
- ★ A new Student Activities Center opened to provide a focus for campus life.
- ★ The residence hall rehabilitation program passed the halfway point.
- ★ Governor Pataki broke ground for a 180,000-square-foot, \$40-million Life Sciences Building Annex that will house the Centers for Molecular Medicine and Biology Learning Laboratories.
- ★ Stony Brook was one of ten universities to receive a Recognition Award for the Integration of Research and Education from the National Science Foundation. The first program funded by this award will be summer stipends to support undergraduate research projects.
- ★ Annual expenditures for sponsored programs are expected to pass the \$100-million mark by the end of the fiscal year.
- ★ The NSF funded two new Materials Research Science and Engineering Centers, the Center for Thermal Spray Research and the Center for Polymers at Engineered Interfaces. Only 20 such centers are funded nation-wide, and only one other university (Stanford) has two.
- ★ Annual sales of ReoPro, the first FDA-approved therapeutic developed in the SUNY system, surpassed \$200 million. This revenue increased royalty income to Stony Brook enough to increase royalties for the entire SUNY system by a factor of ten.

FIVE YEAR PLAN 1996-1997

A Year of Accomplishments

When President Kenny issued the Five Year Plan for Stony Brook, she promised annual "report cards" to the campus community. This special issue of *Happenings* is such a report card; it describes the completion of the Five Year Plan projects targeted for 1996-97, as well as other accomplishments not targeted in the Plan. Copies of the Five Year Plan are available in the President's Office; they can also be found online in the President's Office section of SBNEWS.

This report on 1996-97 achievements describes action on the nine goals established in the Five Year Plan to improve: undergraduate education; research, scholarship and creative activity; economic development; health care; community programs; campus life; image, public relations, and development; human resources and support services; and facilities. Each section reiterates the vision expressed in the Five Year Plan, reports on the projects the Plan targets for completion this year, and identifies accomplishments not listed above that represent progress toward fulfilling the planning vision.

UNDERGRADUATE EDUCATION

Five Year Plan Vision

Stony Brook will become a national model for undergraduate education at research universities and the first choice for New York students who want the advantages of education in a public research university. Research and learning will be interconnected. The Provost's Academic Plan calls for making Stony Brook a student-centered research university, with increased attention and commitment of the faculty to undergraduates and their instruction, a university where the educational needs of students help define the intellectual focus of the faculty.

Five Year Plan Commitments

Develop the use of information technology to supplement the advising program. (§1.6, Provost)

The Academic Advising Center initiated an e-mail advising service in fall 1996 to make it easier for students to get answers to simple advising questions.

Web applications were developed to give students ready access to information on their academic records, the extent to which they have completed general degree requirements, and, for some majors, the extent to which they have completed departmental requirements. The complete schedule of classes, DEC category classes, lists of filled courses, and the final exam schedule are also accessible on the Web. The SOAR terminals located in various campus locations give students additional access to this information.

In spring 1997 the Academic Advising Center is opening a comprehensive Web site providing easy access to academic information and links to other Internet resources, including the Career Development Center and departmental homepages.

A Web application permitting faculty

and staff advisors to view students' records online will be completed this summer.

Develop a career tracking system for Stony Brook graduates. (§1.7, Vice President Student Affairs)

A survey of all 1995-96 graduates was conducted to determine how many students continue their education immediately after leaving Stony Brook, and where and in what kinds of jobs employed alumni work. Updates to the alumni data base completed this year will make it possible to extend tracking efforts.

Career services were extended with the opening of an expanded Career Placement Center that offers resume review service and computerized job matching.

Develop a comprehensive plan to increase undergraduate retention and graduation rates in 1996-97, and meet the goals established in that plan in the following years. (§1.8, Provost)

A Retention Council was established to develop a retention plan and monitor its implementation. The Council is considering a variety of actions to improve retention including profiling students who leave, developing a comprehensive advising plan, improving the first-year experience, altering dismissal practices, addressing unmet demand for classes, and developing Stony Brook's reputation as a student-centered research university.

Additional Accomplishments

Undergraduate program enhancements continued.

Student access to popular courses was increased. For example, additional sections were offered in freshman biology, chemistry, mathematics and English composition.

Procedures were established to require all graduate students who teach to pass a standardized test of spoken English if English is not their native language, beginning in fall 1997.

Coordinated scheduling was expanded to place more groups of freshmen together in the same classes.

The Center for India Studies opened to promote appreciation of Indian thought, culture, and civilization through academic programs, research and co-curricular activities. The Center's resources in Melville Library include a library/reading room, a multi-media lab, and a research and publications unit.

The College of Engineering and Applied Sciences initiated its own version of USB 101 (EAS 101) for freshmen interested in any of the programs offered by the College. CEAS also added 15 undergraduate scholarships, awarded computer-subsidy certificates to selected high-achieving students, expanded its internship program, and obtained corporate support for the engineering societies, which fund students' participation in regional and national conferences and competitions.

Stony Brook received an NSF grant to develop an innovative course on the "Social Dimensions of Science" that will be taught by faculty in Physics, Philosophy, and Political Science.

Sessions for faculty to encourage curricular innovation with educational technology were sponsored by Instructional Computing and by the Distinguished Teaching Professors group.

Student access to computing was increased.

Residence hall rooms were connected to the network in Cardoza and Keller, providing a total of 140 connections with expansion as needed.

A fifth residential computing center was opened in Mendelsohn College.

Stony Brook obtained a site license that permits all faculty, staff, and matriculated students to install Lotus Notes, Word Pro, Lotus 1-2-3 and other software on both University-owned and home computers at no additional charge. The Division of Information Technology is offering weekly training sessions on Lotus Notes.

Undergraduate students excelled. For example:

Undergraduate students won prestigious national awards. Three students—two in biochemistry and one in pharmacology—won Barry M. Goldwater Scholarships, out of 282 winners nationwide. One of the pharmacology students also won a Merck Undergraduate Science Research Award scholarship, and a chemistry major won an American Chemical Society Scholarship.

Three students won highly competitive summer internships in the Multicultural Advertising Intern



More than 150 new computer systems were installed in public sites for general use by students. Within the next three years, 450 new systems will be installed.

More than 150 new computer systems were installed in public SINC sites. This is the first-year installment of a three-year project to deploy 450 new computer systems for student use.

Classrooms in the Computer Science and the Social and Behavioral Science buildings will be upgraded in spring 1997 to Pentium class computers with network connections.

Program, the Washington Center's Minority Leaders Fellowship Program, and New York City's Government Scholars Program.

The Equal Opportunity Program continues outstanding results. In spring 1997, 23 students, 17 percent of the total EOP class, will graduate with GPAs above 3.00 and one, a history major, has been elected to Phi Beta Kappa.

RESEARCH AND GRADUATE EDUCATION

Five Year Plan Vision

Research, scholarship, and creative activity form the heart of a university's educational enterprise, never more so than in the present time of rapid social, cultural, material, and technological change. Stony Brook is one of the premier research institutions in the nation. It must assume a leading role in defining excellence in research and graduate education for the coming years. The University will not only improve its strengths; even more importantly, it will move into promising areas. Infrastructure and fiscal support will be provided to enable the faculty to achieve these goals.

Five Year Plan Commitments

Establish and enforce standards of research and teaching excellence. Review all academic departments and research centers/institutes on a regular five-year cycle. (§2.1, Provost and Vice President, Health Sciences Center)

Provost, has conducted both internal and external reviews of institutes and centers. Following reviews during 1996-97, the Institute for Decision Sciences was merged with Economics, and the Institute for Pattern Recognition was closed.

The Health Sciences Center is implementing a three-year cycle for the review of departmental chairs, with seven slated for evaluation in 1997-98.

Retain outstanding faculty as sound academic and fiscal strategy. (§2.1, Provost and Vice President, Health Sciences Center)

In 1996-97 there were more than a dozen successful efforts to retain outstanding faculty who had attractive outside offers.

Build excellence by hiring outstanding faculty. (§2.1, Provost and Vice President, Health Sciences Center)

In 1996-97 ten excellent faculty were recruited to West Campus departments, eight as assistant professors. The Health Sciences Center completed national and international searches for three chairs and other new faculty.

Hire, retain and promote faculty based

Dean meets with each chair to review the annual curriculum vitae addendum submitted by each faculty member. Research and teaching effort is taken into account in deciding the workload of tenured faculty in the subsequent year, and the chair writes to each junior faculty member regarding the progress toward tenure documented in the review.

Support and enable all faculty to seek new and enhanced sources of external funding to support their research, scholarship, creative activity, and educational innovation, with the goal of increasing external funding in all academic areas by 5% per year. (§2.1, Vice President for Research)

Research expenditures for the first half of fiscal year 1996-97 were up 10% over the same period last year compared to 3% in the SUNY system as a whole. Significant contributions to the Stony Brook increase were made by the Biological Sciences (up 19% led by Biochemistry at 26%), Engineering (up 21% led by Computer Science at 57%), Marine Sciences (up 19%) and the School of Medicine (up 14% or \$2.2 million). Arts and Humanities research expenditure also increased in the first half of fiscal year 1996-97.

Provide sufficient matching funds to support the growth of sponsored

Equipment and Rehabilitation Fund for the development of the research infrastructure between 1995 and 2002, including large equipment and facility rehabilitations. All expenditures require nonstate matching funds on at least a one-to-one basis.

The Vice President for Research received \$1 million in IDC funds for the OVPR Development Fund in 1996-97. These funds are used for a variety of purposes, and have been leveraged to attract \$18 million in outside funding.

Create focus group committees in emerging areas of interdisciplinary activity. Charge these groups to identify promising areas and to develop short-term and long-term plans for academic and fiscal needs in order to encourage efforts in each specific area. (§2.4, Vice President for Research)

In 1996-97 the development of interdisciplinary programs concentrated on the Centers for Molecular Medicine. The new program in structural biology, for example, is being planned by an interdisciplinary/interinstitutional steering committee comprising members of Stony Brook's Departments of Chemistry, Physics, Applied Mathematics, Pharmacology, and Biochemistry, as well as researchers from Brookhaven National Laboratory and Cold Spring Harbor Laboratory. Architectural planning for the Life Sciences Building Annex also supports interdisciplinary activity. The building will be organized in thematic laboratories, with open floor plans and shared equipment and services to foster interdisciplinary research.

Develop a strategic plan for libraries. (§2.5, Dean of Libraries, Director HSC Library)

A new Dean of Libraries was hired, and he prepared a draft strategic plan entitled, "Transformational Change in the SUNY Stony Brook Library" in fall 1996. The draft was distributed to the University community, and two public hearings were held. The final Plan will be issued this summer.

The Health Sciences Library issued a strategic plan in 1995, and implementation is well underway.

These two strategic plans complement each other, and the Dean of Libraries and Director of the Health Sciences Library are coordinating the development of comprehensive library services at the University.

Establish programs to provide training and support efforts on campus and in the community to enhance information literacy and the use of information technology in teaching and research. (§2.5, Dean of Libraries, Director HSC Library)

The Health Sciences Library has created a state-of-the-art computer laboratory and training center and has begun offering a variety of courses in information and computer literacy.

The Melville Library created a computer training room last year and will enlarge and upgrade its computer training facilities and equipment in 1997.

Melville Library Reference Services prepared a series of online instructional modules, available from the Library's Internet homepage, that provides information on orientation, tours, and library courses. The "Library Tutor" offers online instruction in basic library research skills, with an emphasis on the proper use of electronic library resources.

In February the University Libraries



Stony Brook undergraduates excelled in 1996-97.

Ten West Campus departmental/program reviews are scheduled for 1997-98 to initiate the process of reviewing a total of 45 units on a five-year cycle. The review process is being streamlined to permit the achievement of the five-year cycle goal and increase the value of departmental reviews for academic planning.

Since fall 1994 the Council on Institutes and Centers, advisory to the

on their demonstrated excellence in research, scholarship, creative activity, teaching performance, and service contributions. (§2.1, Provost and Vice President, Health Sciences Center)

The Health Sciences Center is developing a Guide for the Evaluation of Chairpersons and Faculty.

The College of Engineering and Applied Sciences has implemented an intensive faculty review process. The

research. (§2.1, Vice President for Research)

Matching funds are provided in three programs:

A total of \$1 million in GRI funds was allocated to an Equipment Challenge Campaign to provide matching funds for equipment funded from non-state sources.

An additional \$3.2 million in GRI funds was allocated to a Major

offered a community seminar on "Creating Digital Library Services." More than 100 librarians from Long Island attended this half-day seminar.

In 1996 (the latest available statistics), campus libraries offered a total of 184 library instruction classes.

Additional Accomplishments

The revitalization of Melville Library services progressed rapidly.

Study hours were extended in the evening and weekends one month before the end of each semester.

Work began on improving library facilities and equipment. This included improving the library's computer infrastructure, upgrading microform reading and printing equipment, providing tables and chairs in the Galleria, and completing painting and ceiling repair projects.

Electronic library services were extended. Increased access was provided to networked indexes and online full-text documents, and the Library's Web site was improved and expanded. The Music Library's homepage won a Microsoft award as one of the best new homepages on the Web. In collaboration with the Suffolk Library Cooperative, the Library created an online gateway to the digital publications of the Government Printing Office.

The library staff was reorganized to better distribute leadership, create more team efforts, redirect staffing resources, and consolidate and strengthen operations.

Research programs continued to produce outstanding results. For example:

Using the Hubble Space Telescope, faculty in Earth and Space Sciences discovered six new galaxies that may be the most distant objects yet observed.

Faculty in Anatomical Sciences found a fossil in Madagascar that confirms that birds evolved from dinosaurs.

Faculty in Ecology and Evolution found molecular evidence that animals existed on Earth more than twice as long ago as previously assumed based on fossil evidence.

An interdisciplinary team at Stony Brook made a discovery that may significantly improve the diagnosis and treatment of breast cancer.

As part of the Long Island Breast Cancer Study, researchers in Preventive Medicine began data collection for a study to determine if there is an association between electromagnetic fields and the incidence of breast cancer.

Many faculty received substantial research grants. For example:

The NIH funded three major projects in the medical school, for work on how wounds heal (Dermatology), the neurological effects of Lyme Disease (Neurology), and ELF electric field effects on cell adhesion and growth (Orthopaedics).

Faculty received prestigious national and international awards and honors. For example:

Richard Clark in Dermatology and Stuart McLaughlin in Physiology and Biophysics won NIH MERIT awards, which provide extended grant support to outstanding researchers.

Arthur Grollman in Pharmacological Sciences, together with Francis

Johnson in Pharmacological Sciences and Chemistry, received recognition from NIH for 20 years of continuous research funding through the MERIT award program.

John Gwinnet in Oral Biology and Pathology won the 1997 Wilmer Souder Award, the highest honor the International Association for Dental Research bestows in the field of dental biomaterials.

William Holt in Earth and Space Sciences won an NSF Career Award.

Anthony Knapp, in Mathematics, was awarded the Leroy Steele Prize by the American Mathematical Society.

Blaine Lawson, in Mathematics, was elected a vice president of the American Mathematical Society.

Jonathan Levy, in Theatre Arts, won the Association for Theater in Higher Education Award for Outstanding Teaching of Theater in Higher Education and wrote a play included in *The Best American Short Plays, 1995-96*.

Donald Lindsley, in Earth and Space Sciences, won the Roebling Medal, the highest honor given by the Mineralogical Society.

Gail Mandel, in Neurobiology and Behavior, was one of 14 winners of the 1997 McKnight Investigator Award and became associate editor of the *Journal of Neurosciences*.

Lorne Mendell, in Neurobiology and Behavior, was elected President of the Society for Neuroscience.

Harold Metcalf, in Physics, received a Humboldt Research Award for Senior U.S. Scientists.

Felix Rapaport, in Surgery, became the first honorary president of the Ibero-American Transplant Federation which will oversee organ transplantation efforts throughout the Spanish- and Portuguese-speaking nations of Europe and America.

Robert Schwartz in Family Medicine was selected as a U.S. Public Health Service Primary Care Fellow and, with John Ryan, won a Public Health Service award for academic medical center/community clinician collaboration.

Armen Zemanian, in Electrical Engineering, was made a member of the Russian Academy of Natural Sciences and became the 32nd person to be awarded the Kapista Gold Medal by the Academy.

Stony Brook graduate programs attracted outstanding students and met local needs.

Graduate students won prestigious awards. For example, Stony Brook enrolled four new students with NSF Graduate Fellowships, two in Physical Anthropology and two in Ecology and Evolution. Another Ecology and Evolution student won an EPA Graduate Fellowship; a Harriman student won the Russian and Eurasian Award from the Association of International Educators, and a student in Materials Sciences won a Deutscher Akademischer Austausch Dienst Annual Grant for study and research in Germany. A 1996 Ph.D. in Earth and Space Sciences was named "Outstanding Student of the Year" by the Committee on Mineral and Rock Physics of the American Geophysical Union, and a short story written by a graduate student in English was selected for publication in Scribner's *Best of the Fiction Workshops 1997*.

The School of Professional Development created an "Electronic Extension" which provides graduate courses through electronic conferencing, and "Saturday at Stony Brook," a weekend study program.

ECONOMIC DEVELOPMENT

Five Year Plan Vision

Stony Brook will continue to expand its contribution to Long Island and New York State as a leader in industrial development, health care, and the arts. The University will promote the growth of a globally competitive regional economy on Long Island, especially through

and increased business volume by an estimated \$95 million. The College of Engineering and Applied Sciences also expanded distance learning and other on-site instructional programs for Long Island companies, and developed two Web sites, *Global Export Development* and *Island Knowledge*.

Provide departmental workshops on technology licensing and industrial relations. (\$3.2, Vice President for Research)

The Office of Technology Licensing conducted technology transfer workshops in a dozen West and South Campus departments during the past year and is scheduled to present workshops to Health Sciences Center departments this spring. OTL also fosters intra-institutional collaboration by bringing together groups with complementary expertise and interests.



Stony Brook students learn from some of the most respected researchers in their fields.

the continued development of its engineering school and programs that stimulate the transfer of research to the marketplace, such as the Long Island High Technology Incubator and Center for Advanced Technology. University economic development activities will contribute to fulfilling the goals of the regional strategic plan for economic development, Project Long Island.

Five Year Plan Commitments

Expand technical assistance programs for established industry. (\$3.1, Dean, College of Engineering and Applied Sciences)

In 1996-97, its second year, the Strategic Partnership for Industrial Resurgence (SPIR) program included 112 projects in 64 companies, received almost \$16 million in industry/federal funding, created or retained 1,118 jobs,

The Office of the Vice President for Research sponsored a two-day faculty symposium entitled "Forging New Partnerships" to help faculty recognize and develop opportunities for university/industry collaborations.

Additional accomplishments

Stony Brook continued to support economic development on Long Island.

As of 1996-97, the Center for Advanced Technology in Medical Biotechnology can demonstrate a cumulative total of almost 1,400 jobs created by partner companies. Long Island's biotechnology industry has almost doubled in the last five years; more than half of Long Island's biotechnology companies have licensed technologies or formed research alliances through the Center; and three new companies have been founded based on

technologies whose development was supported by the Center.

In 1996, the Small Business Development Center helped small companies obtain more than \$17 million in new financing.

In 1996, Incubator graduates employed more than 700 Long Islanders, and generated more than \$60 million in revenues.

New programs were started to support the development of the Long Island workforce.

As leader of a consortium of Long Island institutions, Stony Brook received an NSF Advanced Technology Education grant to develop high school and community college programs that will prepare a highly skilled workforce for the biotechnology industry.

volatile environment of contemporary health care, it must reorganize its academic and administrative structure to enhance the fulfillment of these missions.

Five Year Plan Commitments

Complete a formal evaluation to determine the most desirable health care network structure and partners for Stony Brook. (§4.1, Vice President for Hospital Affairs/CEO University Hospital)

An extensive evaluation of the Long Island health care market was completed in fall 1996 with the assistance of the Deloitte & Touche Consulting Group.

Implement the reorganization plan for University Hospital. (§4.2, Vice President for Hospital Affairs/CEO University Hospital)

includes six Suffolk County hospitals. HealthFirst will shortly receive a commercial license that will enable it to offer a managed care plan to university employees and others. The Medical Center is also negotiating to provide network manager services to other major payers in the Long Island/New York City region, organizing a number of Independent Provider Associations to secure a broad referral base, and bidding, with a consortium of other hospitals, to become a Special Needs Population HMO serving the chronically mentally ill and patients with HIV/AIDS.

Institute a process for formal evaluation of opportunities for joining comprehensive health care delivery networks on Long Island. (§4.2, Vice President, Health Sciences Center, Vice President for Hospital Affairs/CEO University Hospital)

The Medical Center has established a

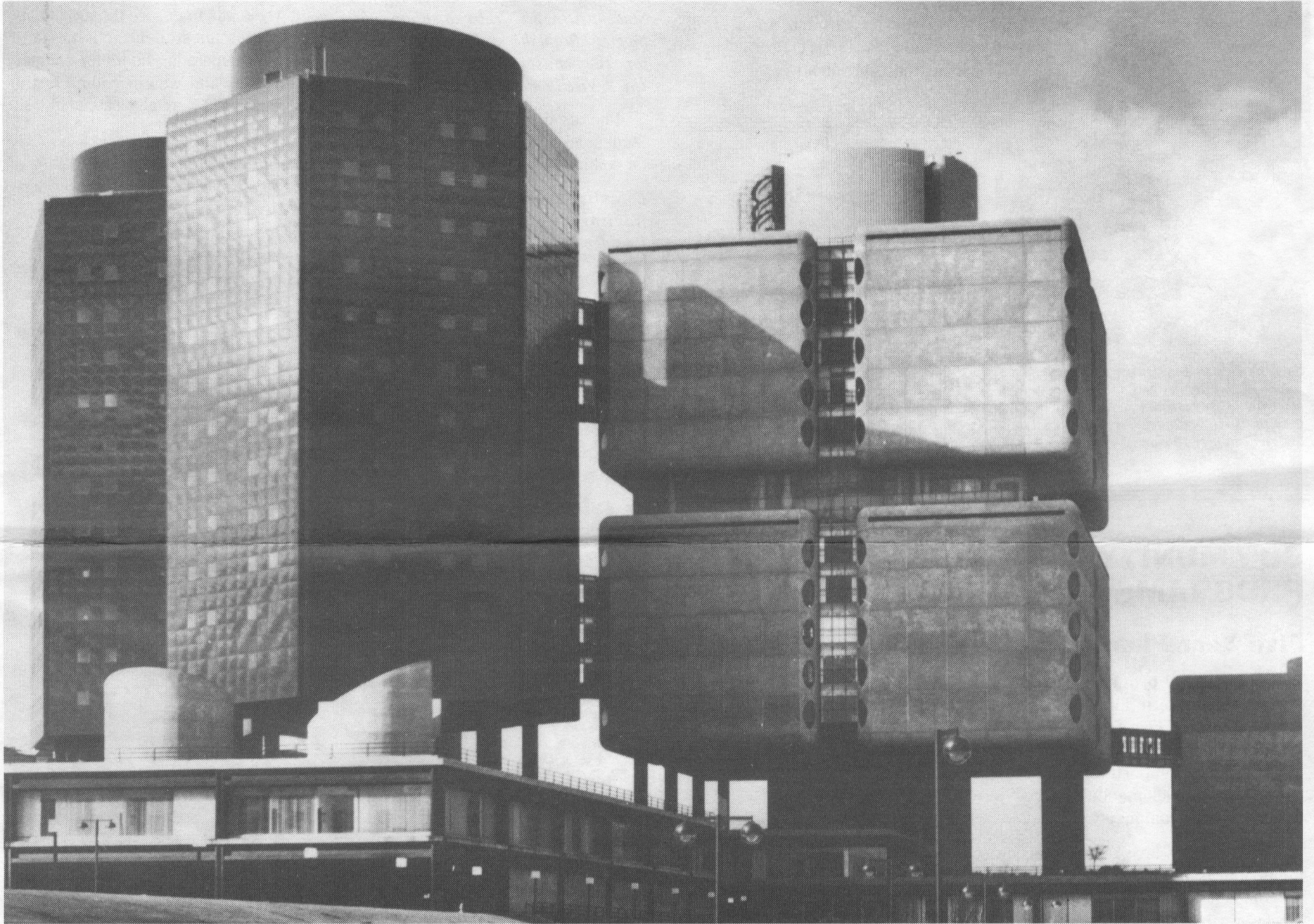
various faculties. (§4.5, Vice President, Health Sciences Center)

The Office of Interdisciplinary Programs has been created, and the recruitment of a director is underway.

Additional Accomplishments

The development of clinical programs continued.

In addition to the Hospital's national ranking, the Heart Center was ranked first on Long Island in angioplasty/cardiac catheterization by the New York State Department of Health and among the top heart centers statewide in open heart surgery. It was the only hospital on Long Island or New York City ranked among the top five hospitals in both service categories.



University Hospital was named one of the best 15 teaching hospitals in the country and one of the best 100 hospitals overall.

The School of Professional Development added new non-credit programs in response to labor-market demands, including a Certified Management Accounting (CMA) program, a Paralegal Certificate Program, and several general-audience computer training programs. The School also added new on-site corporate, computer, and management training programs.

HEALTH CARE

Five Year Plan Vision

The Health Sciences Center serves the Long Island region as a leader in health care. It accomplishes this mission through the provision of health care for the Long Island region, the training of health professionals, and the conduct of basic and applied research. In the

University Hospital was reorganized to create five separate hospitals within a hospital: medical, surgical, cardiovascular, women and children's, and mental health. This decentralized organization redesigns services and facilities around patients by focusing specialized clinical and management expertise on the needs of different patient groups.

Implement a network manager model for managed care in Suffolk County. (§4.2, Vice President for Hospital Affairs/CEO University Hospital)

The University Hospital and Medical Center has been a leader in the development of a healthcare network in Suffolk County as a partner in HealthFirst, a preferred provider organization (PPO) and Medicaid Health Maintenance Organization (HMO). HealthFirst includes four other Suffolk County hospitals and their medical staffs and has established linkages with the FirstChoice network, which

highly structured evaluation procedure for assessing potential network partners. This evaluation is an ongoing process in the consolidating health care market.

Work to insure optimal management flexibility in health care delivery. (§4.2, Vice President, Health Sciences Center, Vice President for Hospital Affairs/CEO University Hospital)

SUNY and New York State policy makers continue to consider granting increased management flexibility to the State University hospitals or converting them to non-profit corporations. The Medical Center is analyzing these possibilities with SUNY consultants.

Create an office of interdisciplinary programs in the Health Sciences Center to develop research programs such as health services research on an HSC cooperative basis. In addition, the office will develop plans for cooperative education in the health sciences for endorsement by the

The Department of Radiology became the only center of Long Island performing a newly approved non-surgical technique to close brain aneurysms, and one of the faculty developed a new noninvasive computer-based diagnostic technique, Virtual 3-D Colonoscopy.

The Department of Radiation Oncology opened a clinical center at Southside Hospital.

The Department of Emergency Medicine provided equipment and training in Lead ECG for Prehospital Providers to twelve Suffolk County ambulance corps as part of a multiyear research project to improve patient care and recovery.

The School of Medicine celebrated its 25th Anniversary with a gala dinner for 800 guests.



Stony Brook adopted 30 first-graders from P.S. 132 in Washington Heights, Manhattan, as part of the All the Way program, a kindergarten-through-college assistance effort that will serve 360 students over 12 years.

mathematics, engineering, and technology. The Mathematics, Science, and Technology in Elementary Schools project will provide training to 1,300 teachers in 20 school districts in the New York City metropolitan area.

The development of programs that serve the Long Island community continued.

Two new summer science camps were added to Stony Brook summer programs in 1996.

The Stony Brook libraries, along with ten other comprehensive libraries, received a Mellon Foundation Grant to plan the creation of a digital library project entitled *The Making of New York*.

WUSB was named one of Long Island's top radio stations with a focus on local musicians by *Newsday*.

Seven Campus and Community Art Exhibits were mounted.

University Affairs appointed a Community Relations Officer to support further outreach initiatives.

CAMPUS LIFE

Five Year Plan Vision

The recruitment and retention of students is significantly affected by the quality of campus life at the University. When choosing a college or university, students and their parents consider the attractiveness and cleanliness of the facilities, the livability of the residence halls, the quality of the food served on campus, the success of the athletic teams, user-friendliness, the number and quality of weekend activities, and the opportunities for employment during school and after graduation, in addition to the reputation of the academic programs. Stony Brook will meet or exceed the standards of its peers in all these areas. A special effort will be made to better integrate commuter students into the life of the University, for employment and recreation as well as for their studies.

Five Year Plan Commitments

Complete the renovation of Roosevelt Quad and Kelly Quad. (§6.1, Vice President for Student Affairs)

The renovation of Roosevelt was completed and all four halls reopened in fall 1996. Two buildings in Kelly Quad reopened in spring 1997, and the remaining three will be ready for occupancy in fall 1997. With these renovations the residence hall rehabilitation program passed the half-way point, with 14 out of 26 buildings completed.

Complete the bathroom renovation program in all residence halls. (§6.1, Vice President for Student Affairs)

Bathroom renovations funded by a \$3 million federal grant have been completed in all 26 residence halls.

Convert three-bedroom apartments in Chapin to more desirable units, beginning with the conversion of seven three-bedroom apartments to single occupancy units in 1996-97. (§6.1, Vice President for Student Affairs)

Ten three-bedroom double-occupancy apartments in Chapin were converted to four-bedroom single-occupancy units, and all were reoccupied in spring 1997. A minimum of ten additional three-bedroom units will be converted this summer for fall 1997 occupancy.

Complete construction of Phase I of the Student Activities Center, which will include new dining facilities and a commuter student services center. (§6.1, Vice President for Student Affairs)

Phase I of the Student Activities Center opened in January 1997 and will be fully operational by July. The new Center includes dining facilities, lounges, a large multipurpose auditorium and a smaller auditorium/lobby space, a sculptured courtyard surrounded by a pergola, meeting rooms, club and organization rooms, the offices of the Student Polity Association and Graduate Student Organization, the Commuter Student Affairs Office and Commuter Student Lounge, a full-service branch of the Home Federal Savings Bank, a wellness center with fitness facilities and a dance studio, and administrative offices.

Complete the design of Phase II of the Student Activities Center to ensure timely progress. Begin the effort to obtain funding for the construction of Phase II. (§6.2, Vice President for Student Affairs)

The design of Phase II of the Student Activities Center is scheduled for completion this spring.

Establish a campus-wide Concerts Advisory Committee. (§6.4, Vice President for Student Affairs)

A Concerts Advisory Committee was

Establish a Student Life Council to promote and sustain campus-wide community-building initiatives. (§6.4, Vice President for Student Affairs)

A Student Life Council was established in spring 1996. The Dean of Students chairs the group, which includes representatives from Physical Education, Student Orientation, Counseling Center, Campus Residences, Student Health Service, Interfaith Center, and Disabled Student Services. The council meets monthly to discuss current student life issues and develop collaborative program initiatives among various student services areas.

Increase accessibility to and hours of operations for activities facilities. (§6.6, Vice President for Student Affairs)

The Student Activities Center opens at 7:30 a.m., and is open on evenings and weekends to ensure the availability of facilities for student activities and programs. Operating hours for computer facilities and weight rooms in the residence halls were also extended.

Establish alumni presence at key moments ("turning points") in the life of the Stony Brook student population (e.g., recruitment, notification of admission, orientation, exam week, commencement, entering the job market). (§6.9, Vice President for University Affairs)



The stunning new Student Activities Center is filled with light, air, and activity. In the back of this photo is a rainbow-hued acrylic sculpture donated by artist Norman Mercer.

established in fall 1996 with representation from Student Polity, the Faculty Senate, Sports Complex, Commuter Student Association, Staller Center, Alumni Affairs, Student Activities, and FSA.

Establish a University-funded campus challenge grant program to promote diversity programming by student clubs and organizations. (§6.4, Vice President for Student Affairs)

A coordinating committee comprising members of the Diversity Month Planning Group and UNITI Cultural Center has been convened to run this program, and grants will be awarded in fall 1997.

The Alumni Association supports student recruitment through the Alumni Volunteers program; this year volunteers participated for the first time in a phonathon aimed at encouraging admitted students to choose Stony Brook. Alumni speak at orientation, and the Alumni Association co-sponsors the campus barbecue during Opening Week and organizes the Career Advisors Network through which alumni provide career advice and opportunities to students. The Alumni Association runs a tent at commencement, which this year will include representatives from the Career Placement Center and Admissions to encourage graduating students to participate in the

COMMUNITY PROGRAMS

Five Year Plan Vision

The educational programs, cultural events and athletic facilities of the University should be a source of enrichment to community members. There are a variety of opportunities for the University to develop additional activities to serve the community.

There were no Five Year Plan action items addressing this goal scheduled for completion in 1996-97. There were, however, achievements that fulfilled the University's community service mission.

Stony Brook led initiatives to increase access to higher education and improve primary and secondary education.

Stony Brook adopted 30 students in the first-grade class at P.S. 132 in Washington Heights in Manhattan to initiate the All the Way program created and funded by Dennis Meihle, founder of the Four M Corporation. All the Way is a kindergarten-through-college assistance program providing a supplementary educational curriculum, social support services, and—for students who meet admissions standards—a Stony Brook scholarship. The program will serve 360 students over a twelve-year period.

Stony Brook led two groups of collaborating institutions that received major five-year NSF outreach awards. The SUNY Alliance for Minority Participation will develop programs to increase the number of minority students receiving degrees in science,

Career Advisors Network and Alumni Volunteers program.

Secure alumni representation on search committees and task forces affecting alumni affairs. (§6.9, Vice President for University Affairs)

Alumni served on the search committees for five senior positions in University Affairs and two in the Provostial area.

Encourage alumni participation in the University Senate. (§6.9, Vice President for University Affairs)

Alumni are active in the University Senate and on the Stony Brook Council, and the President of the Alumni Association has begun to play a more visible role on campus.

Engage the Alumni Association as a partner in on-going Stony Brook advocacy. (§6.9, Vice President for University Affairs)

The Alumni Association created a Legislative Advocacy Committee which is collaborating with the Director of Governmental Relations to work with legislators on behalf of the University.

Additional Accomplishments

An Asian American Center opened. The Center provides practical and

The development of events to enhance campus life continued. For example:

Opening Week activities were streamlined and expanded to welcome new and returning students to campus. A new program called "After Dark: Celebrating the Commuter/ Resident Connection All Night Long" brought commuters and residents together in the Sports Complex until 4:00 a.m. for sports, games, food and music.

A new three-day Commuter Spring Festival in April features food, music, workshops, and the first campuswide pool and table tennis tournament.

A second new April event is the "Diverse Programs for a Diverse Campus Community" series, which brings to the campus a wide range of weekend activities.

Spring 1997 Commencement will include the first Baccalaureate Honors Convocation. The program will include the presentation of university-wide awards and recognition of graduating students who have been elected to Phi Beta Kappa or Tau Beta Pi.

The Staller Center initiated a Friday night movie series showing popular movies on its big screen.

A President's Student Diversity Council was established to keep the President informed about campus

The football team defeated two Division I teams and was ranked nationally in four defensive categories in Division II.

Two student athletes were named to All-American teams, one in cross country and one in diving. Two football players were selected to the ECAC Division II North All Star Team, two were selected for the ECAC Eastern Football Conference All Star Team, and five were named to the 1996 Don Hansen's National Weekly Football Gazette NCAA Division II Non-Scholarship All-American Team.

The development of Alumni Affairs continued.

The William and Jane Knapp Alumni Center opened on the first floor of Melville Library, and administrative operations were improved.

Alumni communications were improved with the publication of a newsletter, *The Bridge*, the first update of the Alumni Directory in several years (due out in June), and a major update to the alumni data base.

Alumni outreach increased. An Alumni Chapter was established in San Diego, and alumni in Maryland, Virginia and Washington, D.C. have been invited to a get-together at a Yankees/Orioles baseball game. In

IMAGE, PUBLIC RELATIONS, AND DEVELOPMENT

Five Year Plan Vision

The many new developments occurring at Stony Brook, as detailed in this Plan, will be brought to the attention of a wide audience, including current, potential, and former students, and political, community, and business leaders. Stony Brook is a leading public research university that aims to become a leader in undergraduate education while offering its students rewarding recreation and social life. The University also aims to further develop its role as a regional leader in economic development, health care, and culture. These are the basic facts upon which a new image for Stony Brook will be built. Increased outreach to the University's various communities will be balanced by a renewed effort to enlist the support these communities have always been willing to offer Stony Brook.

There were no Five Year Plan action items addressing this goal scheduled for completion in 1996-97. There were, however, major achievements in this area.

Private support increased dramatically, in addition to the Wang gift.

Total fundraising increased \$1.6 million over the previous year, a 48% increase. Specific components of this total include the following:

Alumni made notable gifts. For example, William and Jane Knapp pledged \$100,000 for the renovation of the Alumni Office, Alumni Association programs for undergraduate students, and scholarships for children of alumni. Stu Goldstein, a former Stony Brook squash player, pledged \$134,000 for an Academic Center in the Sports Complex, and \$302,000 has been raised for the Paul Simons Memorial Fund.

The Korea Foundation awarded a \$100,000 grant to support Stony Brook's Korean Studies Program, and the India Studies Program raised \$140,000 in the first year of a multiyear campaign.

Athletics raised \$300,000.

Telefund receipts are projected to reach \$400,000 by the time this year's drive concludes.

There was substantial progress in public relations and University image building.

National media coverage expanded. Stony Brook news was carried by ABC, CBS, NBC, Fox, C-SPAN, CNN, BBC, Reuters, UPI, AP, and the Discovery Channel. Stories were featured on *Good Morning America* and *The Today Show*, among others. Press coverage was provided by *USA Today*, *The New York Times*, *Newsday*, *New York Magazine*, the *Daily News*, *New York News*, and the *New York Post*, as well as other periodicals. The \$25-million gift from Charles Wang was featured in media worldwide, and even appeared for weeks on the newscasts shown on American and United flights. Positive local and regional coverage doubled, and Stony Brook received no negative press coverage during 1996-97.

The work of Stony Brook faculty was taped for airing on C-SPAN, BBC and the Discovery Channel and News12, and Stony Brook faculty and special



The 19 Seawolf sports teams on campus get better with every season.

educational services, a comfortable place for socializing, and programs aimed at helping the campus become more aware of Asian American issues.

The Office of Commuter Student Affairs initiated a Commuter Peer Partnership program to provide academic support and friendship to new commuter students.

The telephone registration system was extended to permit students to pay their fees with credit cards. Since January almost 3,000 students have used this option to pay bills totaling \$5.5 million. Bursar hours were extended to facilitate in-person transactions.

climate with regard to diversity issues, help plan special events that celebrate diversity and commonalities, and help ensure that all people feel welcomed as members of the campus community.

Four prominent women gave talks on campus of general interest to the campus community: Meave Leaky, a leading paleontologist; Susan Isaacs, a best-selling author; Kate Millett, a distinguished feminist who is teaching in Women's Studies; and Carol Baldwin, a well-known breast cancer activist.

The development of the athletics program continued.

New York City, the Alumni Association obtained affiliate member status at the Chemists' Club, which makes the Club's facilities and services available to all Stony Brook alumni, faculty, and staff.

Programs for alumni at Homecoming were expanded to include lectures and other events.

The Alumni Association also worked to expand their campus outreach. For example, the Association gave eleven scholarship awards, sponsored an alumnae art show, and established a Commuter Ride Board in the Student Activities Center.



Stony Brook provides educational and recreational opportunities for a diverse and active student body.

programs were featured in the *Chronicle of Higher Education*, *Newsday*, *New York News*, and the *New York Post*.

A public relations video called *A Thousand Acre Universe* was produced.

New and redesigned publications were produced including the *Undergraduate Viewbook*, a related poster and other recruitment brochures, the *Graduate Viewbook*, the *Undergraduate Bulletin*, and the *Graduate Bulletin*. The design of a Health Sciences Center/University Hospital logo and a new University seal also contributed to the campus identity campaign.

HUMAN RESOURCES AND SUPPORT SERVICES

Five Year Plan Commitments

Develop a skills bank/resource tracking program to facilitate the recruitment of members of underrepresented groups to campus jobs. (§8.1, Vice President for Administration)

A software system has been purchased to support this skills bank, and the Office of Human Resource Services has begun gathering resumes.

Provide at least 10MB connectivity to the Internet. (§8.2, Chief Information Officer)

The campus link to the Internet was upgraded in January 1997 to a T3 connection. This provides 45MB connectivity to ensure efficient communication between the campus and the Internet.

Establish academic and administrative management training programs including programs to support change management. (§8.3, Vice President for Administration)

The Office of Human Resource Services is developing a Performance Excellence Program with four tracks: supervisory development for new first-level supervisors, management development for mid-level managers, quality service improvement, and professional development. The supervisory development track will be offered this spring, and the other three will be offered beginning next fall.

The Provost established a semi-annual leadership retreat for chairs. The first retreat in fall 1996 included discussions about human resources, budgeting, and institutional data reporting. The spring retreat will include panel discussions on

faculty mentoring, departmental long-range planning, defining "good teaching," and workshops on operations.

Additional Accomplishments

Reorganization continued to increase administrative efficiency and performance.

The Provost continued to strengthen and streamline academic administration. A Dean of Arts and Sciences was hired, and the College of Arts and Sciences was reorganized to increase efficiency. Spending was further reduced, and new financial management processes were established. International Programs were reorganized to reduce costs and improve services.

The Harriman School was transferred to the College of Engineering and Applied Sciences to reduce administrative costs and enhance the M.S. in Technology Management program

The Affirmative Action Office and Campus Community Advocate Office were allied to create a proactive unit responsible for a broad array of diversity initiatives and a streamlined complaint review process.

The Offices of Human Resources, Appointment and Systems, and Payroll were merged into the Office of Human Resources Services to better serve the campus community.

The Offices of Purchasing, Accounts Payable and Receiving were consolidated to reduce administrative costs, and General Institutional Services accounting services were merged into the Accounting Department to eliminate redundancy.

Change in administrative processes continued to increase efficiency.

Stony Brook began a three-year project to implement PeopleSoft, an integrated system for human resources, finance, and student data.

The cost of supplies was decreased and the efficiency of the purchasing process increased. The campuswide contract awarded to Weeks Office Supply resulted in a 15% savings for office supplies, and several other major contracts were re-bid to obtain deeper discounts for goods and services. The proportion of purchase requisitions submitted electronically increased from 35% to 60%. Procurement cards, which facilitate minor purchases, were issued to 16 departments, and cards will be issued to additional departments later this year.

The Payroll Office joined the statewide Electronic Direct Deposit program to reduce the staff effort required for direct deposit services.

FACILITIES

Five Year Plan Vision

The Stony Brook campus will be a source of pride. Long-standing facilities deficiencies will be corrected.

Five Year Plan Commitments

Rehabilitate the Javits Lecture Center and install state-of-the-art technology in at least the largest lecture halls. (§9.1, Assistant Vice President for Facilities)

The main corridor was resurfaced and color-coded, and the restrooms were upgraded. Data projectors were installed in Lecture Halls 100, 102 and 103 in spring 1996. The projectors permit faculty to display a presentation from a computer or from the Internet.

Post a name and phone number near the entrance of each building containing lecture rooms of a person responsible for its maintenance. (§9.1, Assistant Vice President for Facilities)

These signs will be posted by July 1997.

Create spaces for people to sit at key exterior locations throughout the campus beginning with the Academic Mall, the Earth and Space Sciences Plaza, the Staller Center Plaza, and the Javits Lecture Center perimeter. (§9.2, Assistant Vice President for Facilities)

A number of exterior spaces were created throughout the campus to provide places for people to congregate. Outdoor seating was installed on the Javits Plaza, Staller Center Plaza, and Engineering Quad, and outside the Humanities Building, Earth and Space Sciences Building, the Student Activities Center, and Health Sciences Center.

Create spaces for people to congregate at key interior locations beginning with the Melville Library lobby and HSC Level 2. (§9.2, Assistant Vice President for Facilities)

Seating was installed in the Library Atrium, and the seating on HSC Level 2 was re-upholstered.

Upgrade the mezzanine level of the Javits Lecture Center to provide comfortable study spaces in addition to two small classrooms. (§9.2, Assistant Vice President for Facilities)

Two open areas were enclosed to form classroom spaces, and the flooring was replaced on the mezzanine and the stairs leading to it.

Upgrade the P Lot bus shelter. (§9.4, Assistant Vice President for Facilities)

A new bus shelter was constructed at South P Lot, with a larger waiting area and radiant heat.

Pave the special events parking lot near the Sports Complex. (§9.4, Assistant Vice President for Facilities)

This parking lot was paved for the beginning of the fall 1996 semester. Additional parking for commuter students was created adjacent to this area.

Additional Accomplishments

Parking improvements continued.

Several parking areas were improved, including the overflow lot across from Mendelsohn Quad. Sections of P Lot were repaved.

Student access to parking was increased. Students attending classes in the evening were given access to faculty/staff lots after 4 p.m. and provided garage parking at a reduced charge after 3:45 p.m. Campus parking meters were standardized to cost the same in all locations, and meter fees were reduced.

Signs were installed to improve the information provided to motorists.

A multi-year garage repair program began, with projects in all three campus garages. The program is largely funded from savings resulting from debt service refinancing. Improved garage management has also produced savings.

Construction of 300 new parking spots adjacent to the University Hospital garage is scheduled to start this summer, and an elevator will be installed in the garage in the fall. Hospital visitors' access to parking was improved through the sale of parking cards good for 30 days or for as long as the patient is in the hospital, whichever is shorter.

Campus safety was increased.

Surveillance was improved at P Lot. Surveillance cameras were installed, and patrols were increased. Expanded patrols also increased the assistance available to students with jump starts, lockouts, and fuel in limited quantities.

Lighting was improved on the Academic Mall, athletic field walkways, and in parking lots and garages. Additional blue light emergency phones were installed campuswide.

Five new building guard positions were created at the HSC in heavily used areas with high late-night traffic, and some exterior doors were changed to improve the security.

For more information, contact Emily Thomas, Director of Planning and Institutional Research at 632-6265.

