



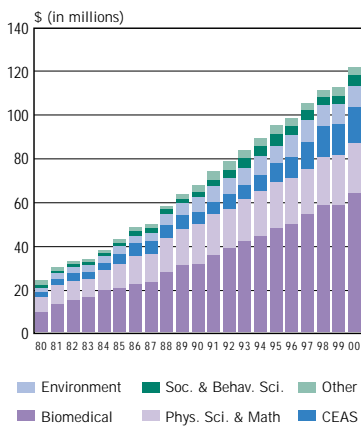
State of the University Address 2000

We have a distinguished faculty, a great staff, and both more and better students than ever before. We also have great and important friends who help us make Stony Brook the best it can be.



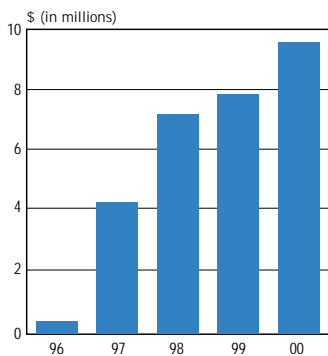
1

Research Foundation Expenditures



2

Campus Royalty Revenue*



*Does not include Inventors' distributions

State of the University Address

Shirley Strum Kenny, President

University at Stony Brook

Welcome to the beginning of a new school year and a new era for Stony Brook. I think this is the best school year opening yet, and I'll tell you some of the reasons for that unusually ebullient observation. We have a distinguished faculty, a great staff, and both more and better students than ever before. We also have great and important friends who help us make Stony Brook the best it can be.

Stony Brook is On a Roll!

The gist of my report this year is simple: Stony Brook is on a roll! And since presidents think about money a lot, let's begin by looking at our finan-

cial situation. Six years ago we found ourselves seriously in debt, with a structural deficit that meant the debt was increasing annually—we were simply spending more than was coming in. Five years ago we began the bailout plan; I was determined we would retire the debt, balance the books, and build our income. I am pleased to report that we have done that in gratifying ways.

First of all, in the last five years our State Purpose Funding—funding from state taxes—has grown by \$28.5 million, an increase of 26%. At the same time, because enrollments are growing, tuition has increased by \$5 million, or 8.2%.

In those same five years, research expenditures have risen by \$23 million,

Stony Brook is the hub and the engine for Long Island economic, medical, technical, and cultural development.

an increase of 23.3% (Graph 1). They increased \$10 million in a single year last year. What's more, biomedical expenditures have been dynamically increasing, becoming an area in which we are clearly moving ahead.

There is a new category of significant income: The campus received \$29 million in royalty revenue over the past five years (Graph 2). Our policy specifies that 40% of royalties go to the inventor and 60% to the campus to support research. The campus portion last

by \$13.4 million—an increase of 94% (Graph 3). That brings us to only \$28.5 million, but now we are really ready to move fast on fundraising. At the same time, the Stony Brook Foundation received \$38.5 million in gifts, not including the Wang Building, which should be completed within the year and presented to us with an endowment for its upkeep (Graph 4). Last year we doubled the fundraising of the previous year; that meant an increase of \$11.6 million—more than 350% over five years ago. If we keep that up, we're on our way.

And we plan to keep that up. Right now we have hired campaign counsel to look toward starting a Capital Campaign, the first at Stony Brook. We are also hiring a Vice President for Advancement to take us into the



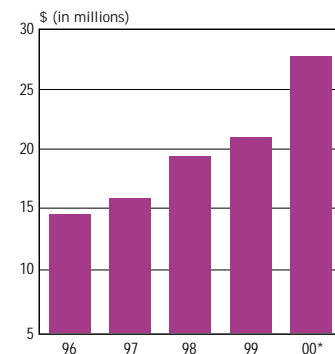
Designed by architect John Belle, the new fountain is the centerpiece of the six-acre Academic Mall.

year was \$9 million more than it was in 1995-96, an increase of 2,262%! We are now ranked 12th in the nation for royalty income, having displaced Harvard for that position.

As for external fund raising, we have a long way to go, but it is notable that the Endowment Fund has doubled in the past five years, growing

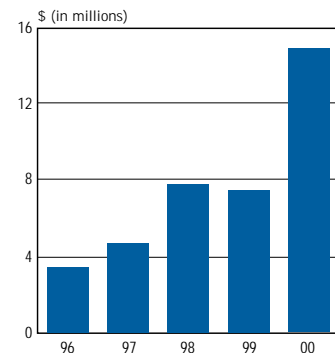
Capital Campaign. We do not yet know the size of the goal—the first phase of the campaign is to find out what is possible—or nearly possible. But we are setting our sights on the \$100 million to \$200 million range. We have already completed a feasibility study, which shows that we have a lot of work to do to initiate such a campaign, but we

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Stony Brook Foundation Growth of Endowment Fund

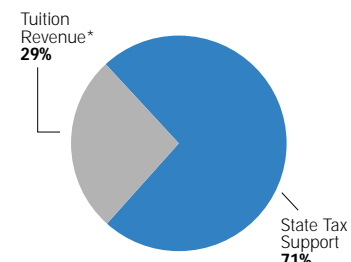


*Estimate

4
Stony Brook Foundation Growth in Total Gifts



5
2000-01 State Allocation

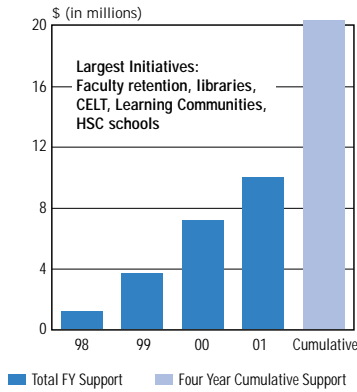


Total = \$206.4 Million

* Includes interest income and selected fees

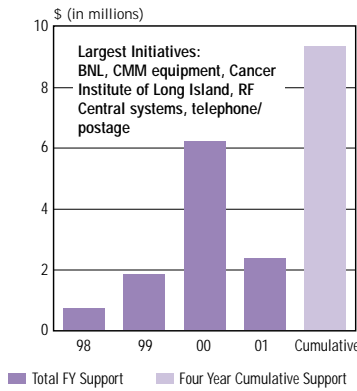
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Presidential Support For Academics



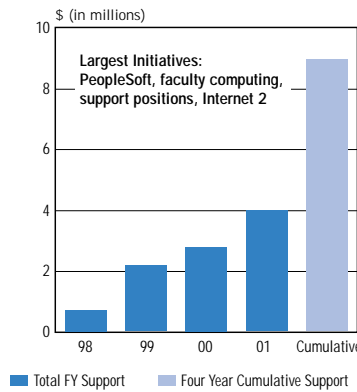
7

Presidential Support For Research



8

Presidential Support For Technology



The Student Activity Center's dining facility features a panoramic view of the Academic Mall.

have a lot of pluses to make it possible, starting from the impressive quality of the institution. We are late getting into the capital campaign business, and we have a monumental task ahead. But I am excited about the challenge and our potential to soar in fundraising as we have done in so many other arenas. You will doubtless hear a lot about the Campaign for Stony Brook in the coming months.

Getting Things Done

Obviously, we are taking the need to increase the budget at Stony Brook seriously, not just through state allocations but through many other means. This year New York State allocated approximately \$206 million to Stony Brook—about \$146 million excluding tuition (*Graph 5*). Tuition encompassed 29% of the allocation; state tax support, 71%. The State also pays fringes of about \$45 million. But our total budget, including the Hospital, is approximately \$800 million. Clearly we have to do everything we can to increase the amount of money that comes from other sources—and we are doing it resoundingly in research,

royalties, and fundraising. We are now looking at new ways to fund important campus projects—from small business incubators to new residence halls to summer camps for kids. We have become far more entrepreneurial in getting things done without merely waiting and hoping the State decides to fund them.

These activities make a difference to us and to the quality of life on Long Island, for we truly believe that we must take local responsibilities very seriously—in research (witness what we do on infectious diseases and breast cancer, definitely Long Island problems); education (we work with many high school students and now sponsor research-oriented camps for 6th and 7th graders in the New York City public schools as well as day camps for local kids); arts (Staller Center has never been more successful and popular); business incubation; and other small business support.

We support these things on our own strength, through grants, gifts, tuition, and rents. They make Stony Brook the hub and the engine for Long Island economic, medical, tech-

nical, and cultural development.

About 80% of State funding goes to salaries, with some allocations for facilities, supplies, and equipment. It is important that we apply other available funds in ways that improve both education and research.

The flexible funds that I have allocated over the past four years went toward urgent needs. For my first two years here, there were almost no funds to allocate to special projects because of the budget crisis, so we only have significant figures for four years.

A total of more than \$20 million has gone toward academic support in the past four years, including funds for faculty retention, libraries, the creation of the Center for Excellence in Learning and Teaching, Learning

important single initiative in the past five years), \$4 million of equipment for the Centers for Molecular Medicine, funding for the Cancer Institute of Long Island, and allocations to absorb the costs when the federal government stopped paying postage, telephones, and waste removal on federal grants. It also covered our required contribution to OASIS, the new computer system at RF Central (for which Stony Brook took the largest hit since we bring in about 30% of the total funding of all of SUNY. We also bring in more than 98% of SUNY's royalty revenue.).

Bigger and Better

There have also been expenditures of almost \$10 million on technology, including PeopleSoft for our central



The metamorphosis of the Academic Mall was completed in the Spring of 2000.

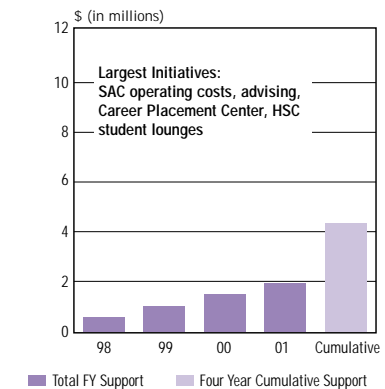
Communities, and special needs in the Health Sciences Center's five schools (Graph 6).

About \$10 million has been allocated for research in those four years, utilizing royalty returns and IDC monies (Graph 7). The largest projects have included mounting the proposal to run Brookhaven National Laboratory (an upfront and somewhat risky investment that paid off in arguably the most

computer system, faculty computing (helping to defray the expenses of faculty computers), Internet 2, and support positions in computing (Graph 8). From student fees, SINC sites and residence hall wiring have been all but completed. About \$4 million has gone into student services in those four years, including SAC operating costs, the Career Center, more advising, and student lounges in the HSC (Graph 9).

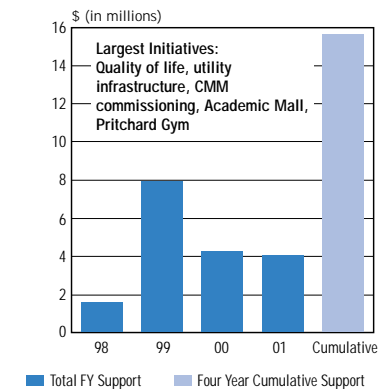
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Presidential Support For Student Services/Activities



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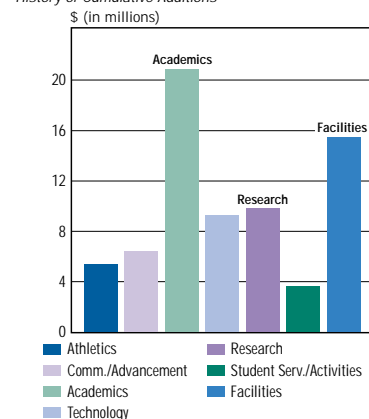
Presidential Support For Facilities



11

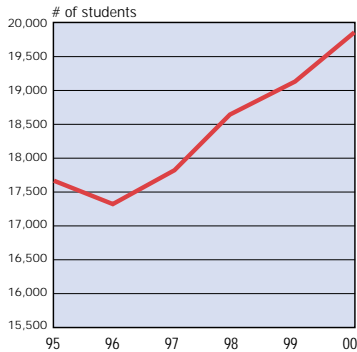
Presidential Support of Campus Initiatives

History of Cumulative Additions



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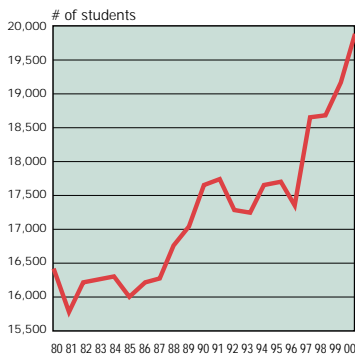
Total Enrollment Trends*



* West Campus and Health Sciences Center

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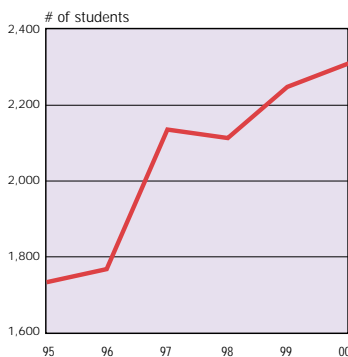
Total Enrollment*



*West Campus and Health Sciences Center, undergraduate and graduate head count

14

Freshman Enrollment Trends*



*West Campus first-time, full-time Fall semester



Artist's rendering of the Student Activities Center, Phase I (completed) and Phase II (underway, depicted in green).

And, of course, we have used funding for facilities improvement, about \$16 million over four years (*Graph 10*). The big expenditures here include a million dollars a year for quality-of-life improvements, which include painting, carpeting, and refurbishing faculty offices, building faculty/student lounges, and doing minor repairs such as small leaks; the utility infrastructure (a black hole); the Academic Mall; Pritchard Gym; and the Six-Point Safety Plan, which provided blue-light phones, better lighting, a Safe Ride Home service, and more police.

There has also been funding for athletics, advancement, and advertising/PR/communications (*Graph 11*). These numbers will need to grow in the future, particularly as we start our Capital Campaign, but the payoff will be significant. And make no mistake about it: Athletics (at least winning teams) will help fundraising enormously, and not just fundraising for athletics.

Enrollments have been growing, too—at the same time that students' qualifications have risen. The campus enrollment has grown more than 2,000

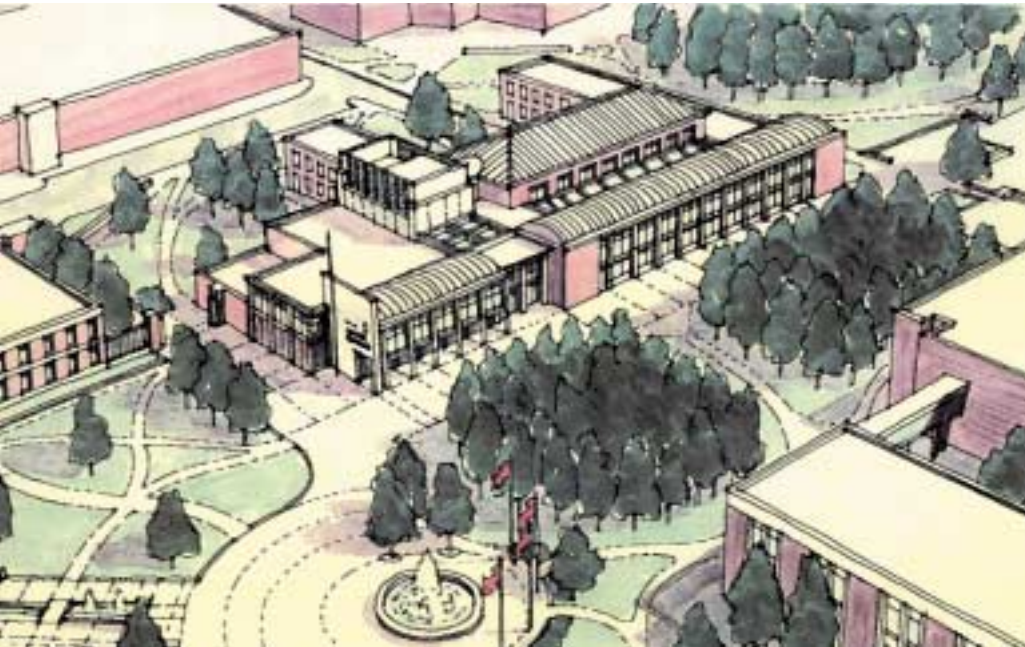
Significantly, SAT scores have risen simultaneously with our growth, increasing by 66 points over the past four years, from an average of 1093 to 1159.

students over the past five years, a 12% increase (*Graph 12*). Looking over the past 20 years, total enrollment has increased by about 4,000 students, but we have had our ups and downs (*Graph 13*). Freshman enrollment has made a big difference—the freshman class has grown by 574 students, or 33%, over the past five years (*Graph 14*). But look at those data on a longer scale and you see that freshman enrollment has been a roller coaster at Stony Brook (*Graph 15*). I believe we are in control now.

Significantly, SAT scores have risen simultaneously with our growth, increasing by 66 points over the past four years, from an average of 1093 to 1159. Those SAT scores will—I predict—continue to rise over the coming years whether or not we decide to increase enrollments further. Our aca-

ademic programs are known, and our emphasis on research for undergraduates is a very important factor in higher education now; the renovations and building of residence halls make living here desirable; the campus has far more activities than in the past, and those will continue to increase. Admissions is making headway in recruitment; the athletic program will bring more interest and excitement—a winning basketball team always increases SAT averages at an institution—and we will mount an advertising and PR campaign to make students more aware of what is here.

I am convinced that the *only* way to grow Stony Brook is by attracting *better* students. So far I've been right. Also,



Draft sketch of the Humanities Building expansion.

better scholarships have been attracting more of the very best students, thanks to our fundraising efforts and our special opportunities to conduct research with world-class professors. This year we attracted 12 students who were Intel or National Merit semifinalists, a tenfold growth from a few years ago. We have eight Gates Millennium scholars, a Howard Hughes scholar in the School of Medicine, and many

other top-ranked students.

The 20-year picture for graduate enrollments has some curious ups and downs (*Graph 16*), especially for new, full-time graduate students on the West Side of campus (*Graph 17*). (On the East Side, in Medicine and Dentistry, the number of students is restricted because of the nature of the disciplines.) Considering all enrollments for fall 2000, we have almost reached our goal of 20,000 students (*Graph 18*). Two-thirds are undergraduates, and one-third are graduates.

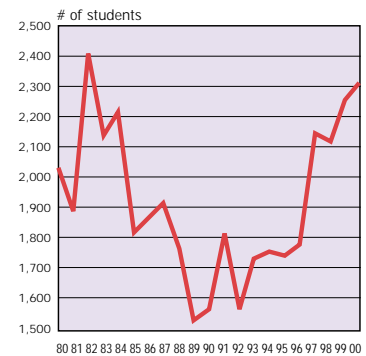
The Changing Face of Stony Brook

Our students' geographical distribution has shifted dramatically in these five years. Of our total undergradu-

ates, 52% come from Suffolk and Nassau Counties, and 36% from New York City (*Graph 19*). But if you look at our freshmen this fall, 40% come from Suffolk and Nassau and 46% from New York City—more freshmen from New York City than both Long Island counties (*Graph 20*). Suffolk is precipitously down—by 38%, Nassau has increased 13%, and New York's five boroughs increased by 28%.

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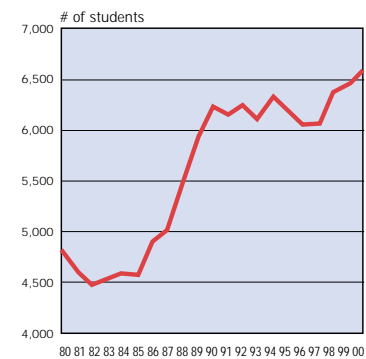
New Freshmen*



*West Campus first-time, full-time Fall semester

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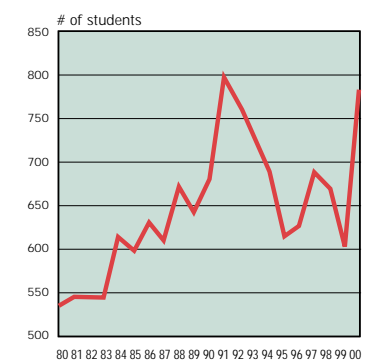
Graduate Student Enrollment*



* West Campus and Health Sciences Center

17

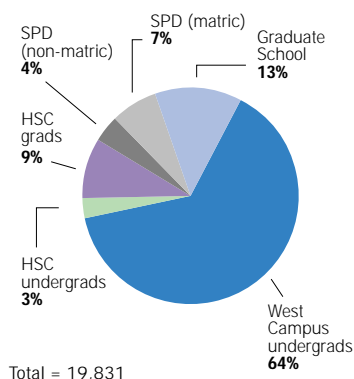
New Full-Time Graduate Students*



*West Campus Fall semester

18

Fall 2000 Enrollment*



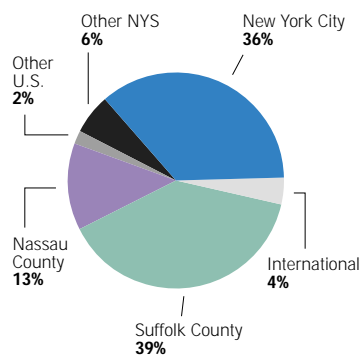
* Day 15 snapshot



The Charles B. Wang Asian/American Center will contain an art gallery, theatre, conference center, and a food court (view from Admin. Building).

19

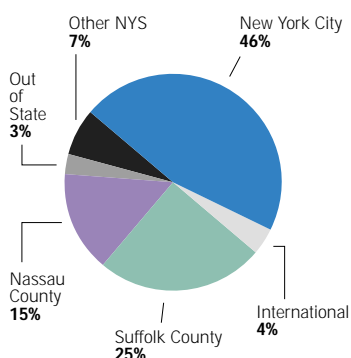
Geographic Origin of Undergraduate Students



* Fall 2000 Day 15 snapshot

20

Geographic Origin of Freshmen



* Fall 2000 Day 15 snapshot

Of course, other factors affect these numbers. For example, some students may come here as freshmen, then after a year or two change their legal addresses for financial or other reasons. Still, the percentage of freshmen from New York City, and less dramatically from other New York counties and out of state, is growing. The geographic origin of full-time graduate students may be a bigger surprise—by far the largest contingent, 58%, are international students; 18% are from out of state, a category we want to expand, and most of the rest are local residents (*Graph 21*). The ethnic origins of all graduate students, not just those who are full time, again is a surprise—60% are Caucasian (*Graph 22*). However, many of these students are local master's-level students such as teachers upgrading their credentials and retired people taking courses or completing master's degrees in Liberal Studies.

Our students' areas of interest are changing. Freshmen's interests—what they think they'll study—has shifted (*Graph 23*). For the first time, Computer Science passed Biological Sciences as the field of choice—that is to say, if you ignore Undecided, by far the most popular choice (which frankly seems to me healthy—I want students to test and taste various disciplines).

By contrast, the ten largest undergraduate majors start with Psychology, then Computer Science, and then Business Management (*Graph 24*). It is perhaps a surprise that although Stony Brook is known for science and engineering, only three of these fields—Computer Science, Biology, and Biochemistry—are among the Top Ten undergraduate majors.

By far the most populous graduate program is Liberal Studies, with Nursing second, Medicine third, and Social Work fourth (*Graph 25*). In fact, four of the ten largest graduate programs are from the East Side of campus. That leaves a melange—Computer Science, Physics, Music, Applied Math and Statistics, and Chemistry from the West Side of campus.

Full-time faculty have also increased over the past four years (*Graph 26*). This year we have 87 more full-time faculty than we did in fall 1997. They are not all tenure-track; in fact more than we might wish are not. But we *are* growing.

The ethnic distribution of full-time faculty still indicates how far we have to go (*Graph 27*). Eighty-three percent of the faculty are Caucasian. We have gotten some outstanding new faculty through the Presidential Diversity Initiative and our advertising for diverse faculty, etc., but we certainly

have a long way to go. To be a great university, we need that diversity.

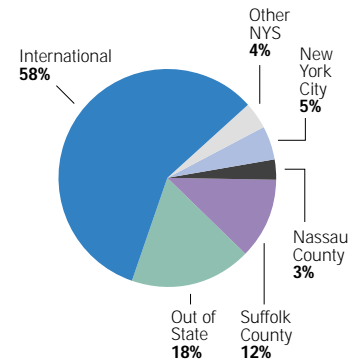
Altogether we have approximately 12,000 employees on both sides of campus, not including the undergraduates who work on campus: 44% are health care staff, 20% are State staff, only 15% are faculty, 12% are graduate students, and 9% are Research Foundation employees (*Graph 28*). Of course, this is a head count, not full-time equivalents. If one looks at employees outside the hospital area, 14% are tenure-track faculty, 12% are off-track, 36% are State staff, 16% are

have also learned there are other and quicker ways to augment the Construction Fund Program.

Some of our biggest projects are funded through the new \$2 billion State construction plan; those include Heavy Engineering; the Humanities renovation—which is taking place now—SAC Phase II; and the Athletic Stadium for football, soccer, and lacrosse. The residence hall renovations and construction, to be finished next January, were a \$102 million project, completely funded through our self-support housing operation. A new set

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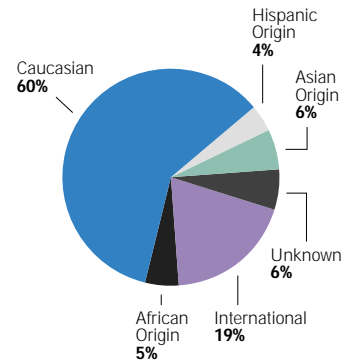
Geographic Origin of New Full-Time Graduate Students*



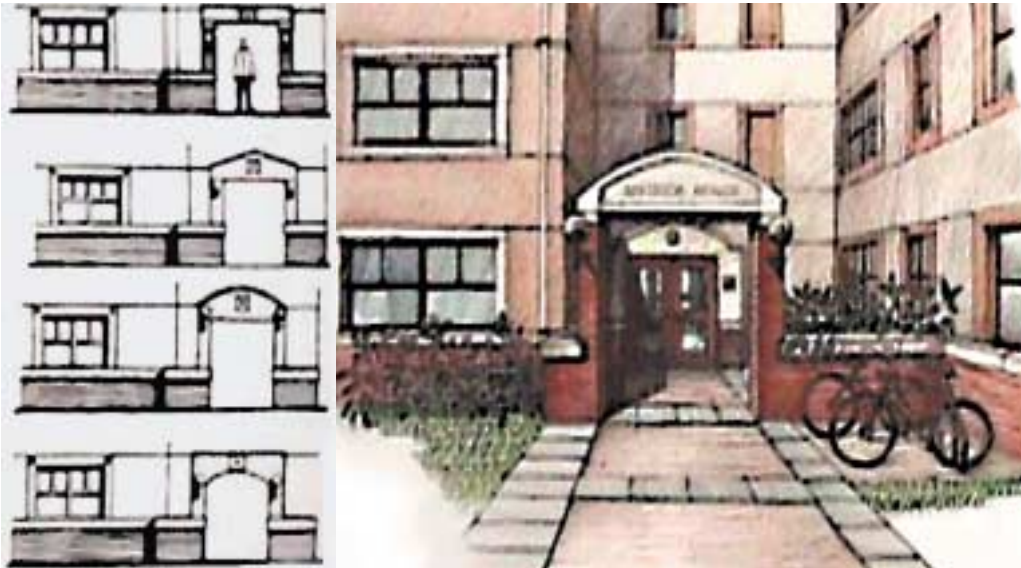
*Graduate School only, Fall 2000 Day 15 snapshot

22

Ethnic Distribution of Graduate Students*



*Fall 2000 Day 15 snapshot



From left: Draft sketch of entrance options; view of entrance to new apartment complex.

Research Foundation or Stony Brook Foundation staff, and 22% are graduate students (*Graph 29*). Clearly we need to increase the rate of growth in the tenure track.

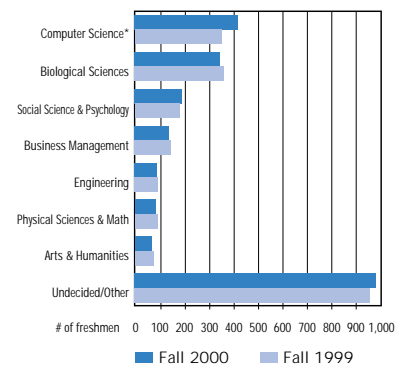
Building Our Future

But perhaps the most amazing story of Stony Brook in these five years has been the facilities construction and rehabilitation. Our campus had been built 30 to 40 years ago, and it was in sad decline. Although we have by no means solved all the problems, we have proven that they can be solved. Ideally, the State will give us bonding authority to build buildings, but we

of garden-style apartments for 500 undergraduates will be built by working with the Dormitory Authority and paying out of this self-support housing operation on campus. The Charles B. Wang Asian/American Center, by now the biggest project on campus, having expanded fourfold, is a gift to Stony Brook from Charles B. Wang, who will also endow it for maintenance. It will contain many things—an art gallery, a small theatre, conferencing facilities that will be the best anywhere, fountains, gardens, and a food court to seat 350 people, offering six or so Asian cuisines. We are about to settle a con-

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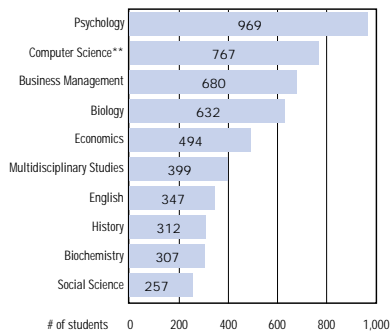
Freshman Areas of Interest



*Includes Computer Engineering

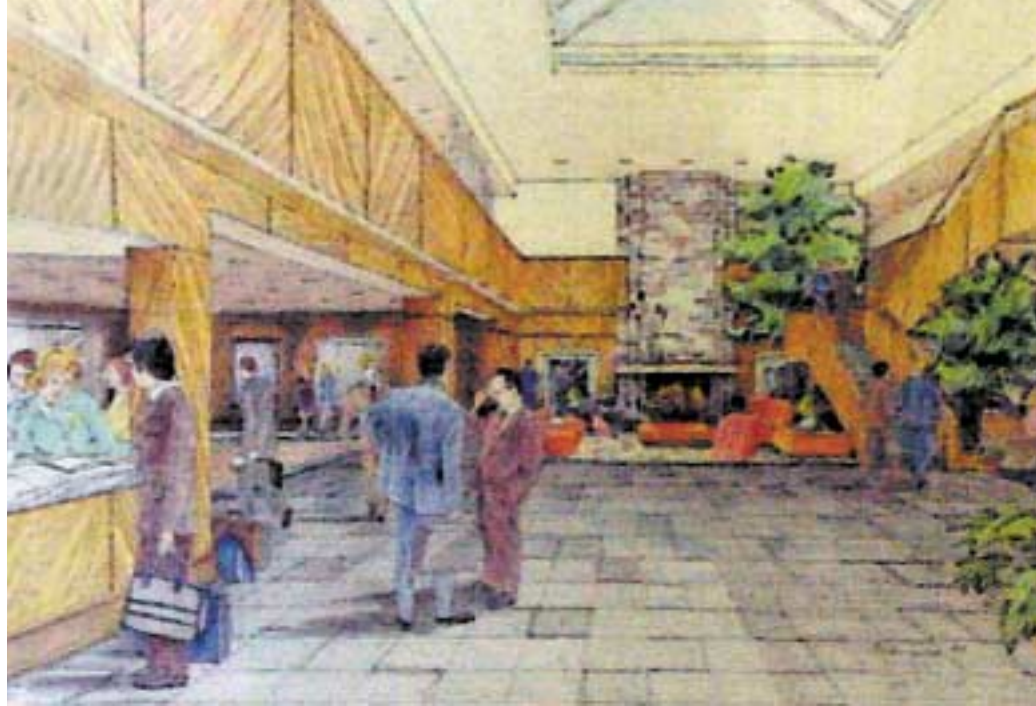
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Ten Largest Undergraduate Majors*



*Full- and part-time students, Fall 2000; includes double majors

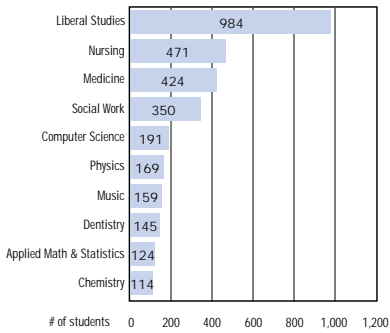
**Includes Computer Engineering



Artist's rendering of a proposed conference center hotel to be located on campus.

25

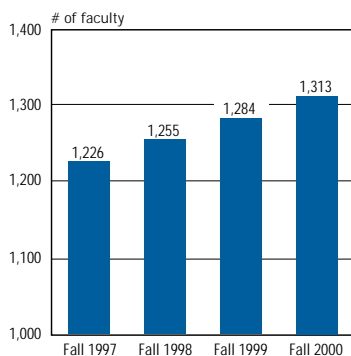
Ten Largest Graduate Programs*



*Full- and part-time students, Fall 2000; excludes non-matriculated graduate special studies

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Full-Time Faculty



Stony Brook is spreading its wings, widening its borders, and attracting new outside funds to spread both geographically and interdisciplinarily.

tract—after 12 years—to build a conference center hotel on campus. Our stature has been compromised by our inability to house major conferences because of the dearth of local hotel rooms. We got a ground lease 12 years ago—and now we will actually build. The Ambulatory Surgery building is rising rapidly and will be funded by the Hospital. The new Cancer Institute of Long Island, a research and clinical facility, will be built largely with funds from the federal and state governments and major gifts. And the new Child Care Center will be built through the operations of the Center and the ever-helpful Stony Brook Foundation Realty Corporation.

Finally, the Stony Brook Foundation will take on the financial responsibility for recreating Sunwood, the wonderful old Ward Melville Estate that burned to the ground in 1987. And the Childs Mansion is being renovated

with internal funding and the legislative help of New York State Assemblyman Steven Englebright.

Spreading Our Wings

We still have many needs. For example, we would really like to move the bookstore and other businesses out of the Library because we need that space for—not surprisingly—the Library. We want another central campus dining facility since clearly there is demand for it. And other classroom buildings are getting to the point of being dilapidated, so we must continue our renovations. We're also looking for matching funds for major facilities such as the Computer Science Building and the Cancer Institute, that is, private or federal money to match State money.

Moreover, we have rented a floor at 401 Park Avenue South at 28th Street in Manhattan for fundraising and alumni efforts, as well as for classroom space. We take over the space in January 2001 and it will be ready for use by late spring.

Thanks to Senator Kenneth LaValle's efforts, we announced that the Town of Riverhead is donating 50 acres of land at Calverton for a Stony Brook incubator for environmental, aquacultural, and agricultural start-ups, and the State will provide \$3 million to build on

the land. We will also be able to offer classes there. We will soon start training programs at Great River, with federal funding provided through Congressman Rick Lazio. And the Millennium Research Center, with major funding from the State, announced some months ago by Senator LaValle and others, will be a major research facility for converging technologies such as medicine, applied math, and computer science.

So Stony Brook is spreading its wings, widening its borders, and attracting new outside funds to spread both geographically and interdisciplinarily. These efforts will be self-supporting and may even ease some of the financial burdens of the main campus.

I would be remiss if I did not do a little bragging about our Division I sports teams. We are working hard right now to get Stony Brook into a Division I conference, an important goal for a new program. It is not easy, but I have every confidence we will pass this hurdle as we have passed so many others. And we do have things to brag about. For example:

- 1999/2000 ticket revenues were up 273% from the year before.
- The women's basketball record was 18-10 and head coach Trish Roberts was named Division I Coach of the Year.
- The football team defeated St. John's in a nationally televised game.
- The men's baseball team ended the recent season 30 and 11.
- Moses Starr was named the men's soccer Independent Player of the Year.
- Women's cross-country was honored as an Academic All-American team.
- Lacrosse is a member of the ECAC conference that includes Penn State, Navy, Georgetown, Rutgers, etc. That conference is ranked in the Top Three in the country.

Clearly we are in a different place from five years ago when we started our first Five-Year Plan, which we completed last year. Virtually all the

objectives were met. The new plan, created by faculty, staff, students, alumni, and community volunteers, will be released shortly. There were many things we needed to do in the first plan to get where we are today; this plan will lead off from where we have come.

During the past year, Stony Brook inaugurated a new tradition of having a community building theme. This year has been designated "The Year of Community Service," and will involve students, faculty, and staff in the largest campus-wide volunteer service effort we have ever undertaken. It seems to me that Stony Brook gets better every year, but this year we have reached a new height. We have:

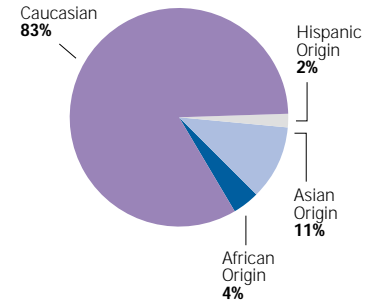
1. Increased enrollments and scores
2. Increased outside funding significantly
3. Developed a new Five-Year Plan
4. Started serious fundraising and PR/advertising efforts
5. Mounted searches for a Vice President for Advancement, an Executive Director of the Hospital, and Dean of the MBA program
6. Appointed two new vice presidents of whom I am very proud—Provost Bob McGrath and Vice President for Economic Development Yacov Shamash. Although I was the first President in the country to create the position of Vice President for Economic Development, I suspect I will not be the last.
7. Completed or initiated many new buildings, renovations, and beautification projects
8. Entered Division I sports
9. Been recipients of many outstanding faculty honors and prizes

I think we can be very proud of Stony Brook. And I don't think we are about to stop making it better—we have a lot to do yet.

In conclusion, we *are* on a roll. It has been a great five years for Stony Brook—there is certainly a lot to celebrate!

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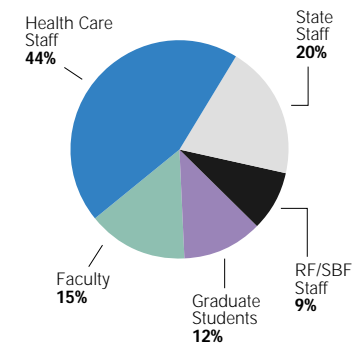
Ethnic Distribution of Full-Time Faculty*



* Fall 2000 Day15 snapshot

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Employees, Fall 2000*

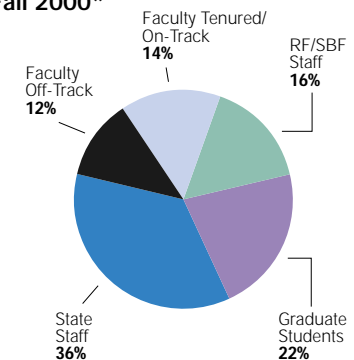


Total = 11,991

* Excludes undergraduate employees; health care staff includes University Hospital, Long Island State Veterans Home, and Clinical Practice employees

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Academic Campus Employees, Fall 2000*



Total = 6,646

* Excludes Hospital, LIVH, CPMP, and undergraduate student employees



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