An Introduction to Stony Brook
Stony Brook Soars: An Overview

Stony Brook is situated on a campus of 1,100 acres, where world-renowned faculty have created a stimulating, highly interactive environment for undergraduate studies. With exceptional strength in the sciences, mathematics, humanities, fine arts, social sciences, engineering, and health professions, Stony Brook offers an array of challenging, career-building programs.

Established in 1957 as part of the State University of New York system, Stony Brook has grown at a prodigious rate and is now recognized as one of the nation’s finest public universities. There are approximately 1,890 faculty and 22,350 students.

Stony Brook has been classified as a Type 1 research university, which is the highest distinction granted to fewer than 2 percent of all colleges and universities nationwide. This reflects Stony Brook’s high volume of federally sponsored research and its emphasis on scholarship. Funding for research programs has grown faster than at almost any other university, making it the major research campus in SUNY, the largest public university system in the country.

In 2001, the University was invited to join the Association of American Universities, the nation’s most prestigious higher education association. This places Stony Brook in the company of much older, established institutions such as Harvard, Yale, Princeton, Stanford, and Johns Hopkins. Stony Brook is tied for second among all public research universities in per capita faculty research productivity, second only to Berkeley. The University generated more than $13 million in patent royalties licensed to industry, edging out Harvard for 12th among colleges and universities nationwide.

In addition to its leading position as a research center, Stony Brook offers excellent instructional programs in a broad spectrum of academic subjects. Internationally recognized faculty members teach courses from the undergraduate to the doctoral level in more than 250 undergraduate and graduate degree programs. The academic and cultural resources of the University and the surrounding community provide a superb environment for intellectual and personal growth.

Our Surroundings

Close to the historic village of Stony Brook at the geographic midpoint of Long Island, the University campus lies about 60 miles east of Manhattan and 60 miles west of Montauk Point, convenient both to New York City’s urban vitality and cultural attractions and the tranquil countryside and beautiful seashore of eastern Suffolk County. It is only a short drive to some of New York State’s richest farmland and fishing grounds, the spectacular Atlantic beaches at Fire Island, the elegant resorts of the Hamptons, the craggy bluffs and natural harbors along Long Island Sound, and the picturesque village greens and gracious old homes of the North Shore towns. The internationally recognized research facilities of Brookhaven National Laboratory and Cold Spring Harbor Laboratory are nearby. And a two-hour train ride will bring you to the heart of one of the most exciting cities in the world.

The Campus

Ongoing campus beautification has created an atmosphere that encourages students and faculty to interact. The fountain in the center of the six-acre Academic Mall is a focal point for social activity. Surrounding the fountain are lawns, shrubs, gardens, trees, and a brook that cascades down steps leading to the campus’s main entrance. A nature preserve, bicycle paths, park benches, an apple orchard, and a duck pond are interspersed among the spacious plazas, modern laboratories and classroom buildings, and a performing arts center.

The campus is constantly growing to keep pace with its progress. Recently completed are the Charles B. Wang Center, state-of-the-art child care facilities, an athletic stadium, an ambulatory surgery center, and an $80 million renovation of all residence halls.

Stony Brook Manhattan, an extension center located at 401 Park Avenue South, is designed to accommodate special undergraduate, graduate, and non-credit courses, plus seminars, internships, and events. It has 8 classrooms, two conference rooms, faculty office space, and an open area for lectures, receptions, and conferences. It houses the Center for Wine, Food, and Culture, which hosts seminars and lectures for students, faculty, and the general public. It is the first center of its kind in New York State.

At the center of West Campus stands the Frank Melville Jr. Memorial Library, which holds more than two million bound volumes and some three million in microformat; around the library are the major academic buildings for the Colleges of Arts and Sciences and Engineering and Applied Sciences, the Van De Graaff nuclear accelerator, the Administration Building, Jacob K. Javits Lecture Center, Computer Science Building, Educational Communications Center, Computing Center, the Stony Brook Union, Indoor Sports Complex, and other service buildings. The Museum of Long Island Natural Sciences, located in the Earth and Space Sciences Building, displays dioramas of Long Island’s natural landscape and special temporary exhibits.

The Student Activities Center (SAC) features several multipurpose spaces, as well as areas for study and assembly. The center provides a focal point for the extracurricular activities that are an important part of life on campus. The SAC also includes a student lounge with gaming tables, two large multi-purpose rooms, a Wellness Center, and an art gallery.

Stony Brook’s Staller Center for the Arts provides superb performing arts facilities, where artists of international stature appear. The Staller Center also houses the Departments of Theatre Arts, Music, and Art. A broad plaza (where outdoor concerts are held) connects the Melville Library, Stony Brook Union, and the Staller Center.

Encircling the academic buildings are six residential quadrangles, each with living space for about 1,000 students. The quads are made up of three to five coeducational “colleges,” or residence halls, each housing 200 to 400 students. A majority of the student body, and more than 80% of the freshman class lives on campus. The quads are the basic social units for this on-campus population, providing residence halls, study and social space, and dining facilities. The West Apartments, accommodating upper division undergraduates in four, five, and six bedroom apartments, are available for continuing residents who earn at least a 3.0 grade point average. The Chapin Apartments, comprised of one, two, three, and four bedroom apart-

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ments, provide accommodations to graduate students, families, and domestic partnerships. Chapin is located near the University Medical Center. The Schomburg Apartments offer one and four bedroom apartments and are available only to graduate students and domestic partnerships.

Located in single-story buildings on South Campus are SUNY's Marine Sciences Research Center, which functions much like a small community embedded within the University; the School of Dental Medicine; and the Psychiatry and Behavioral Sciences Department.

(See the map at the end of this Bulletin.)

Stony Brook Students

Undergraduates at Stony Brook can choose from more than 119 majors, offered through the College of Arts and Sciences, the College of Engineering and Applied Sciences, the Health Sciences Center, Marine Sciences Research Center, and the College of Business.

The University's enrollment for 2004 was 22,344. Currently there are 14,072 undergraduate and 8,272 graduate students at Stony Brook. Many students are enrolled part-time in late afternoon and evening courses offered by several departments and by the School of Professional Development.

The majority of Stony Brook's undergraduates—93 percent—come from New York State; 50 percent of these are from Nassau and Suffolk counties and 37 percent from New York City. Three percent of undergraduates come from other states while four percent are from other countries. Many Stony Brook students study abroad in approved exchange programs in countries such as France, India, Italy, Japan, Madagascar, Tanzania, Spain, Germany, England, and Korea.

The overwhelming majority of first-time, full-time Stony Brook students are still in attendance after their first year. Many students who do not remain full-time return for continued study at a later date, while others go on to another college. Approximately 55 percent of each incoming freshman class graduates from Stony Brook; 36 percent in four years, and an additional 19 percent after their fourth year. The graduation rate exceeds the approximate national rate of 50 percent.

The University aims for the highest standards in all of its programs. Its record of placing graduates in the nation's best graduate and professional schools shows that these standards are being maintained, and that an educational experience of high quality is available to the broad and diverse student body at Stony Brook.

Stony Brook Faculty

The vast majority of Stony Brook's 1,890 faculty members hold doctoral degrees, and 90 percent or more are engaged in active research leading to publication, much of it supported by external grants and contracts. It was the productivity and high quality of our faculty that helped earn Stony Brook a ranking among the best public universities in the country. The faculty-student ratio is about one faculty member for every 14 students.

Eminent faculty members include numerous internationally recognized scholars. Many have earned high honors in their fields, such as Einstein and Distinguished Professor Emeritus C.N. Yang, Nobel laureate in Physics; John Milnor, Distinguished Professor, holder of the prestigious Fields Medal, and Director of the Institute for Mathematical Sciences; Gail Mandel, Howard Hughes Medical Institute Investigator; University Professor John H. Marburger in Physics and Electrical Engineering, former president of Stony Brook and currently President Bush's National Science Advisor; Distinguished Professors James Glimm in Applied Mathematics and Statistics; William Lennarz in Biochemistry and Cell Biology; Benjamin Chu, Iwoa Ojima, and Louis W. Ripa Jr. in Children's Dentistry; Peter van Nieuwenhuizen in the C.N. Yang Institute for Theoretical Physics; Douglas Futuyma in Ecology and Evolution; Arven Zemanian in Electrical Engineering; Donald Lindsley and Donald Weidner in Geosciences; Robert Aller in the Marine Sciences Research Center; H. Blaine Lawson Jr., Dusa McDuff, John Milnor, and Dennis Sullivan in Mathematics; Gilbert Kalish in Music; Lorne Mendell in Neurobiology and Behavior; Israel Kleinberg in Oral Biology and Pathology; Edward Reich in Pharmacological Sciences; Don Ihde in Philosophy; Gerald E. Brown, C.N. Yang Institute for Theoretical Physics; Paul Grannis, Janos Kirz, and Philip Solomon in Physics and Astronomy; Milton Lodge in Political Science; M. Christina Leske in Preventive Medicine; and K. Daniel O'Leary and Howard Rachlin in Psychology; Distinguished Professors Emeriti Paul Popper in Anesthesiology; H. Bentley Glass in Biological Sciences; Jacob Bigeleisen in Chemistry; George Stell in Chemistry; Theodosios Pavlidis in Computer Science; Robert Sokal in Ecology and Evolution; Louis Simpson in English; Robert Cess in the Marine Sciences Research Center; Herbert Herman in Materials Science and Engineering; Charles Rosen in Music; Seymour Cohen in Pharmacological Sciences; William Van der Kloot in Physiology and Biophysics; Morton Meyers in Radiology; John Gagnon in Sociology; Distinguished Teaching Professors Jack Stern in Anatomical Sciences; Alan Tucker in Applied Mathematics and Statistics; S. Stanley Alexander in Dental Medicine; Michael Barnhart in History; Patrick Grim and Helen Rodnite Lemay in Philosophy; Harold Metcalf in Physics and Astronomy; Norman Goodman and Judith Tamir in Sociology; and Jonathan F. Levy in Theatre Arts; Distinguished Teaching Professors Emeriti Elof Carlson in Biochemistry and Cell Biology; Homer Goldberg and Rose Zimbardo in English; Barbara Elling in Germanic and Slavic Languages and Literatures; Thomas Liu in Technology and Society; and John Truxal in Technology and Society; Distinguished Service Professors David Krause in Anatomical Sciences; Mario Mignone in European Languages and Cultures; Gilbert Hanson and Robert Lieberman in Geosciences; Malcolm Bowman in Marine Sciences Research Center; Barry Coller in Medicine and Pathology; Peter Paul in Physics and Astronomy; Dorothy Lane in Preventive Medicine; M. Christina Leske in Preventive Medicine; Said Arjomand in Sociology; Norman Goodman in Sociology; and David Ferguson and Lester Paldy in Technology and Society; Distinguished Service Professors Emeriti Velo Marsocci in Electrical Engineering; Robert Cess in the Marine Sciences Research Center; J.R. Schabel, former Dean and Director of the Marine Sciences Research Center; Ira Kra in Mathematics; Sidney Gelber in Philosophy; and Eli Seidman, Social Sciences Interdisciplinary and Director Emeritus of the Center for Excellence and Innovation in Education.

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Stony Brook's distinguished faculty is also proud to include 14 members of the American Academy of Arts and Sciences, 17 members of the National Academy of Sciences, and three members of the National Academy of Engineering. There are 62 Guggenheim Fellows, 52 Fulbright Fellows, and 11 Rockefeller Foundation Fellows.

The Schools and Colleges

The College of Arts and Sciences offers degree programs in fine arts and humanities, in biological and physical sciences, in mathematics, and in social and behavioral sciences. In addition to departmental majors, special interdisciplinary majors using the resources of two or more departments are offered, as well as programs leading to provisional certification in secondary education. The Diversified Education Curriculum ensures that, in addition to concentration in their chosen major, students build a firm base of academic skills while being exposed to diverse cultural traditions. Independent study and research are available and encouraged. Living Learning Centers, where students share living and study space with like-minded peers, offer residence hall environments designed to enhance learning experiences, career development, and informal contact with faculty members through seminars and other activities.

The College of Engineering and Applied Sciences offers a wide range of programs that provide students with opportunities to find work in industry or proceed to graduate study in a variety of fields. Six programs lead to the degree of Bachelor of Engineering: Biomedical Engineering, Chemical and Molecular Engineering; Computer Engineering, Electrical Engineering, Engineering Science, and Mechanical Engineering. Those that are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET) are so identified under the individual program descriptions. The engineering degree programs place a strong emphasis on individual design and research projects in the junior and senior years, when students are encouraged to work closely with members of the faculty on projects of interest to them. Four programs lead at the Bachelor of Science degree: Applied Mathematics and Statistics, Computer Science, Information Systems, and Technological Systems Management. These programs emphasize applications of analytical and computing techniques to a wide variety of technical and societal problems as well as the design, operation, and management of computer systems and environments. All of the College's programs give the student latitude to plan a course of study within traditional engineering disciplines or in new interdisciplinary fields.

The College of Business offers an undergraduate major and minor in business management and a graduate MBA program. Undergraduate majors receive an education in general management with a specialization in one of four business functions: accounting, finance, marketing, and operations. The College of Business encourages its majors to obtain a second major or minor to complement their business studies and to gain a broader education as a preparation for business leadership.

The admission requirements and curriculum for the major and minor are described on pages 139-141 of this Bulletin. The business graduate program's curriculum and degree requirements and updates to the undergraduate program requirements are described on the College of Business Web site at http://www.stonybrook.edu/collegeofbusiness.

The School of Journalism offers an undergraduate major and minor in journalism. Undergraduate students in the journalism major enroll in a wide range of courses that provide students with a comprehensive background in broadcast, print, and online journalism. Students will have the opportunity to pursue reporting assignments and internships both on Long Island and in New York City. Students in the major will be required to either declare a second major or earn 18 credits in one of four multi-disciplinary concentrations outside of the journalism major. The journalism minor is designed for students who seek an appreciation for the mission of the press, an understanding of journalistic principles, and a desire to improve critical thinking and writing skills.

The Health Sciences Center consists of five professional schools. University Hospital and the Long Island State Veterans Home are major teaching facilities for the educational programs of the Center. Professional, technical, and laboratory resources support the academic and research activities of students and faculty. Undergraduate and graduate professional degrees are offered in the Schools of Health Technology and Management, Nursing, and Social Welfare. Many health sciences courses are open to students from the other academic areas. Graduate professional degrees are also offered in the School of Medicine, the School of Dental Medicine,
and the Graduate Program in Public Health. For complete information about Health Sciences Center programs, please consult the Health Sciences Center Bulletin, available online at http://www.uhmc.sunysb.edu/students/hscbulletin.html or contact the Health Sciences Center Office of Student Services, Stony Brook University, Stony Brook, NY 11794-8276, (631) 444-2111.

The Marine Sciences Research Center (MSRC) is the center for research, graduate, and undergraduate education, and public service in the marine sciences for the State University of New York system. The MSRC is one of the leading coastal oceanography institutions in the world and is also the focus for the study of atmospheric sciences and meteorology at Stony Brook. The Center hosts five institutes, including the Institute for Terrestrial and Planetary Atmospheres and the Waste Reduction and Management Institute. The Center offers undergraduate degree programs in Marine Sciences, Marine Vertebrate Biology, Environmental Studies, and in Atmospheric and Oceanic Sciences, as well as a minor in marine sciences. Upper- and lower-division undergraduate courses are taught through the MSRC. Research opportunities and graduate-level courses are also available to outstanding undergraduate students.

Graduate Study at Stony Brook

The Graduate School offers advanced degree programs in many fields leading to the master’s and doctoral degrees. Stony Brook’s advanced graduate programs are internationally recognized and consistently receive exceptionally high ratings from external evaluation agencies and scholarly studies. The graduate programs at Stony Brook are among the best in the nation. Stony Brook ranks in the top three of the nation’s public research universities and is among the top 25 institutions funded by the National Science Foundation. Stony Brook was the first public university in New York State to be recognized by the Carnegie Foundation as a “Type I Research” university—the highest classification, and a distinction granted to fewer than 2 percent of all colleges and universities nationwide. External support for research has grown to an annual sum of more than $125 million, and according to a recent National Science Foundation study, the campus has one of the most rapidly growing research funding volumes of all universities in the country. Award-winning faculty of international stature, in close collaboration with graduate students, conduct their scholarly inquiry using state-of-the-art laboratories, extensive library facilities, and advanced computing equipment.

Unique opportunities are available for students to participate in frontier research sponsored by federal agencies, private foundations, and industry. Students in the humanities, arts, and social sciences will also find exciting opportunities to work with scholars and artists who are world leaders in their respective areas.

Graduate study is offered in more than 40 different degree programs as well as in the five schools of the Health Sciences Center and the School of Professional Development. For a full listing of graduate programs of study, consult the 2002-2004 Graduate Bulletin, available from the Graduate School, Stony Brook University, Stony Brook, NY 11794-4433; (631) 632-7040, or on the Web at http://www.grad.sunysb.edu.

The School of Professional Development (SPD) offers several options for part-time graduate study. Degree programs include an interdisciplinary program, the Master of Arts in Liberal Studies (M.A./L.S.), which is designed for students seeking a broader postbaccalaureate education than is ordinarily found in programs that focus on a single discipline. The program is especially attractive to teachers who may use this degree to satisfy the master’s degree requirement for permanent teacher certification. For added convenience, this degree is also offered completely online. Also offered are the Master of Arts in Teaching (M.A.T.) for students seeking provisional teacher certification in English, French, Italian, German, Russian, Biology, chemistry, physics, earth science, or social studies, and the Master of Professional Studies (M.P.S.) with a concentration in human resource management and waste management. In addition, SPD offers advanced graduate certificate programs in educational computing, human resource management, information systems management, operations research, computer integrated engineering, waste management, environmental and occupational health and safety, coaching, school building leader and supervisor, and school district leader and school district business leader. Also available is non-matriculated status, which provides an opportunity for graduate study to postbaccalaureates not yet enrolled in a degree program, or to students who do not intend to pursue a graduate degree. A broad selection of University courses is open to students under all of these options.

Complete details on all of our programs can be found on the Web at http://www.stonybrook.edu/spd.

For additional information on the School of Professional Development, call or write the SPD Office, N-201 Ward Melville Social and Behavioral Sciences Building, Stony Brook University, Stony Brook, NY 11794-4310; telephone (631) 632-7050; fax (631) 632-9046; http://www.sunysb.edu/spd.

Admission to Graduate Programs

Applicants to the Graduate School must have a bachelor’s degree with a minimum overall grade point average of 3.0. Some programs establish additional requirements and deadlines for graduate admissions. Address any inquiries concerning graduate admission requirements to the specific program.

Financial Assistance

Financial assistance through the University may be available to graduate students in the form of teaching assistantships, fellowships, scholarships, loans, tuition scholarships, and work study programs. Most of these awards are available only to full-time, matriculated students.

Graduate Tuition Waiver Program for Former EOP Students (GW)

The Graduate Tuition Waiver Program for Former EOP Students provides up to a full waiver of tuition to former EOP, SEEK, College Discovery, or HEP students who enroll in a full-time registered State University of New York graduate or first professional degree program.

Tuition Scholarships

Scholarships are available to students who enrolled full-time. These scholarships are awarded on a competitive basis by the Graduate programs.

Graduate School Traineeships

(Teaching Assistantships and Graduate Assistantships)
Graduate traineeships are awarded on a competitive basis (judged by such criteria as academic achievement, financial need, and potential for professional growth and societal contribution) by the Graduate School on recommendation of the program for one year and may be renewed for up to four years. Effective fall 2004, a full academic year assistantship had a minimum salary of $11,655 for the academic year.

Fellowships

Among the several fellowships Stony Brook awards for graduate study, the Graduate Council Fellowships (GCF) and the W. Burghardt Turner Fellowships are the most prestigious. Graduate Council Fellowships are available for exceptionally qualified incoming doctoral students. These fellowships are available to U.S. citizens and permanent residents only. GCF candidates are nominated by their respective graduate programs. Typically, ten fellowships are available each academic year. In fall 2004, a Graduate Council Fellowship carried a minimum stipend of $15,828 plus a full tuition scholarship.

The W. Burghardt Turner Fellowship, funded by the State University of New York Underrepresented Graduate Fellowship Program, provides stipend support and full tuition scholarships for African American, Native American, and Hispanic American graduate students. Typically, 20 Turner Fellowships are available each academic year.

Special Centers and Institutes

The University is home to a myriad of centers, laboratories, and institutes, many of them externally funded, which reflect the broad diversity of academic and research-oriented pursuits on campus. Many of these organizations are directed by Stony Brook faculty and staff. Students may benefit from these facilities by tapping them as resources for academic work. Among these organizations are the AIDS Education and Resource Center; Alzheimer's Disease Assistance Center; Applied Behavioral Medicine Research Institute; Arms Control and Peace Studies Center; Cancer Center; Carol M. Baldwin Breast Cancer Center; Center for the Analysis and Synthesis of Macromolecules; Center for Behavioral Neuroscience; Center for Biotechnology; Center for Corporate Continuing Education and Training; Center for Education on Substance Abuse; Center for Excellence and Innovation in Education; Center for Health Policy and Management; Center for India Studies; Center for Industrial Cooperation; Center for Italian Studies; Center for Regional Policy Studies; Center for Religious Studies; Center for Science, Mathematics, and Technology Education; Wo/Men's Center; Educational Communications Center; Empire State College; and the Executive Management Center.

Other campus-based institutes and laboratories include the High Energy Physics Group, Howard Hughes Medical Institute in Neurobiology, Humanities Institute, Institute for Cell and Developmental Biology, Institute for Long Island Archaeology, Institute for Mathematical Modeling, Institute for Mathematical Sciences, Institute for Medicine in Contemporary Society, Institute for Mental Health Research, Institute for Pattern Recognition, Institute for Social Analysis, Institute for Terrestrial and Planetary Atmospheres, Institute for Theoretical Physics, Laboratory for Arthritis and Related Diseases, Laboratory for Behavioral Research, Laboratory for Experimental Mechanics Research, Laboratory for Image Analysis, Laboratory for Personal Computers in Education, Laboratory for Political Research, Living Marine Resources Institute, Long Island Groundwater Resource Institute, Long Island High Technology Incubator, Long Island Leadership Institute, Long Island Library Resource Council, and the Long Island Regional Advisory Council on Higher Education.

Stony Brook also houses the Lyme Disease Center, Microscopy Imaging Center, New York Sea Grant Institute, Nuclear Theory Group, Occupational and Environmental Health Center, Research Group for Human Development and Educational Policy, Sleep Disorders Center, Small Business Development Center, Stony Brook Radiation Laboratory, Sudden Infant Death Syndrome Regional Center for Eastern New York State, Suffolk Partnership Program, Taproot Workshops, Inc., Transplantation Society, and the Waste Management Institute. The University is a partner in Brookhaven Science Associates, which is now managing Brookhaven National Lab.

Academic Journals and Periodicals

Academic publications edited or published at the University include Advances in Learning and Behavioral Disabilities; Art Criticism; Biological Psychiatry; Circuits, Systems, and Signal Processing; Continental Philosophy; Developmental Review; Evolution; Evolutionary Anthropology; Forum Italicum; Gradiva; Heat Transfer—Japanese Research; Humanities Series in Contemporary Studies in Philosophy; Hypatia; Humanities Series in Philosophy and Literary Theory; Indiana Series in Philosophy of Technology; International Association of Philosophy and Literature; Journal of College Science Teaching; Journal of Educational Technology Systems; Journal of Histotechnology; Journal of Urban Analysis and Public Management; Long Island Historical Journal; Materials Science and Engineering; Minnesota Review; Philosopher's Annual; The Physics Teacher; Previews of Heat and Mass Transfer; Quarterly Review of Biology; Romantic Movement Bibliography; Slavic and Eastern European Arts; Stony Brook Bulletin for Theory and Criticism; SUNY Series in Aesthetics; SUNY Series in Contemporary Studies in Philosophy; SUNY Series in Political Thought; Taproot; Thermal Spray Technology; Transplantation Proceedings; and Victorian Literature and Culture.

The Campus and the Community

Stony Brook is the only major research university on Long Island, one of the nation's largest and most vital suburban regions. As the public university center for Nassau and Suffolk counties, Stony Brook serves the complex, growing Long Island economy through research into local problems, by participating in cooperative programs with governmental agencies at the federal, state, and local levels, and by responding to the region's extraordinary demand for higher education opportunity. Excluding the state and county governments, the University is Long Island's second largest employer, with almost 12,000 people on the campus payroll. It is the largest single-site employer in Suffolk County.
Technology, Research, and Industry

The University is an active partner with business on Long Island, a principal regional resource for high-technology research collaboration, and a source of technical support for public-policy challenges. The campus houses several active and innovative centers that work with local business. The Long Island High Technology Incubator provides a protected setting for 20 start-up technology companies. The Center for Advanced Technology in Medical Biotechnology, a founding member of the New York Biotechnology Association, manages a $2-million-per-year publicly and privately funded program promoting commercially viable biotechnology research, University-industry collaboration, and technology transfer. It has helped its partner companies create 1,400 jobs in this booming field. The Long Island Research Institute (LIRI) works to develop new technologies and attract research programs to the area. The Strategic Partnership for Industrial Resurgence (SPIR) is a state-funded project that matches the resources of the colleges of engineering at Stony Brook and three other State University campuses to research and develop initiatives in the industrial sector. The region’s extraordinary profusion of coastal environments is a living laboratory for the

Education

Stony Brook plays an important role in local education as well. Liberty Partnerships is a program that sends undergraduates and graduate tutors and interns into the field to help at-risk students remain in junior and senior high school and go on to college. The Teacher Opportunity Corps recruits and trains Stony Brook students from underrepresented groups to become teachers in areas with the greatest need. The Science and Technology Entry Program (STEP), sponsored by the New York State Education Department, provides academic enrichment, counseling, and tutoring for underrepresented minorities and low-income secondary school students interested in scientific, technical, and health-related careers.

The Center for Excellence and Innovation in Education plays an important role on Long Island by coordinating, supporting, strengthening, and developing undergraduate (pre-service) and graduate (in-service) teacher certification and teacher education programs, educational research and development programs, and school-University partnership programs. The center has had a significant positive impact on the region, and is widely recognized as a symbol of Stony Brook’s commitment to teacher education, educational research, and development.

In addition to the University’s many degree programs, there are broad opportunities for credit-bearing and noncredit instruction for individuals pursuing specific, limited objectives or seeking personal enrichment.

Health Care

Unleashing the power of medicine through technology has been the catalyst for sweeping changes in health care this decade. Already the discoveries made by Stony Brook’s basic and clinical researchers who develop new approaches to treatment, new drugs, and new methods of transplantation have changed the quality of life for Americans. Stemming from the 1963 mandate of the Muir Report that recommends the creation of new state medical, dental, and nursing schools, the Health Sciences Center (HSC) is comprised of five professional schools. The schools—Dental Medicine, Health Technology and Management, Medicine, Nursing, and Social Welfare—offer full-time professional education to more than 2,000 students and conduct programs in research, service, and continuing education. Additionally, the Long Island State Veterans Home serves as a teaching center for students from all professions.

More than 2,500 skilled professionals from the Long Island region have faculty appointments and participate in the Center’s five schools. While teaching a full load of courses per semester, full-time faculty pursue scholarly research and publication, as well as curriculum development and active participation in campus committee activities. All HSC students, as part of their clinical training or fieldwork, work for a specific time with some of Long Island’s health and welfare agencies. The Health Sciences Center also sponsors conferences, workshops, and lectures for the general community. The HSC schools share instructional space and multidisciplinary laboratories in addition to the support services of the HSC Library and the Coller Learning Center, the Division of Laboratory Animal Resources, Media Services, and the Office of Student Services. The Center also includes a bookstore, bank, and food service area.

As one of the nation’s leading academic health centers, Stony Brook’s Health Sciences Center is totally committed to fulfilling its abiding missions: research-based patient care, education, basic and clinical research, and community service. Using multi-disciplinary foci and partnerships that create a synergy among the schools and departments with external resources, the HSC has developed centers of excellence in cancer, heart, neonatology, autism, and molecular medicine. The Long Island Cancer Center, a comprehensive academic center, continues to grow, affecting patient care, as well as clinical, transitional, and basic research programs. The Centers for Molecular
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Medicine have formalized interdisciplinary collaborations by creating laboratories, some virtual and some real, that extend beyond the traditional departmental boundaries. Its health sciences curricula have been continually refined, strengthened, and expanded, but always in keeping with its educational philosophy emphasizing individualization of instruction and development of the complete professional. The Health Sciences Center has established the Graduate Program in Public Health to train health and health-related professionals who wish to integrate the knowledge, skills, visions, and values of public health into their careers and provide leadership in the field. The program will lead to a Master of Public Health (MPH) degree.

Students who want detailed information on the extensive laboratory and research facilities available for academic programs are encouraged to address their inquiries to the appropriate school or department.

According to a survey done by the Association of University Technology Managers, Stony Brook University placed 12th among the 139 institutions in the country in royalties generated by its scientific discoveries. Its total was higher than those of New York University, Johns Hopkins, and Harvard. The majority of the University’s research contributions come from the Health Sciences Center. Two HSC discoveries, ReoPro, used in coronary disease treatment, and Periostat, used in gum disease treatment, are the greatest royalty income generators. The development of the yeast two-hybrid system by the School of Medicine faculty has revolutionized the study of protein-protein interactions and is one of the most highly cited technologies in biomedical research.

As the major teaching facility for the educational programs of the Health Sciences Center, University Hospital, a 504-bed hospital, serves the health care needs of the nearly three million residents of Long Island and provides clinical training for physicians, nurses, social workers, dentists, and allied health professionals. Through subspecialties, the School of Medicine’s 19 clinical departments offer consultation and care using a full array of specialized diagnostic and treatment techniques. The hospital is the only tertiary care hospital in Suffolk County and serves as the region’s “quaternary” hospital, providing services to the region’s high-risk medical patients.

There are nine intensive care units dedicated to anesthesia, burn, cardiovascular, coronary, and neonatal and transplant patients. The neonatal intensive care unit provides the only tertiary care services for premature and newborn infants in Suffolk County. Utilizing the latest diagnostic and evaluative techniques, the prenatal diagnostic unit—the only American Institute of Ultrasound Medicine accredited unit on Long Island—identifies problems and solutions for high-risk pregnancies.

In addition to being the only academic-based hospital in Suffolk County, University Hospital serves many regional roles. As the designated Regional (Level I) Trauma Center, helicopter and ground transports deliver Suffolk County’s most seriously injured and ill patients to the hospital. The seven-bed shock trauma room is specifically designed for treating patients with problems ranging from multiple traumas to cardiogenic shock. University Hospital also serves as the county referral center for all psychiatric emergencies. The hospital is designated as the regional perinatal center and the regional kidney transplant center. It also houses a cardiac diagnostic center, a sleep disorders laboratory, and a Lyme disease center. Adults and children with a variety of chronic conditions such as diabetes, cystic fibrosis, and multiple sclerosis receive specialized care and advanced services.

Detailed information about the professional programs offered by the five schools is contained in the Health Sciences Center Bulletin. Since the Center’s training of health professionals requires special academic programming and support services, significant sections of the data contained in the Undergraduate Bulletin, such as admissions procedures and requirements, registration, student services, educational expenses, financial aid, and the academic calendar, are not applicable to the Health Sciences Center.

The Health Sciences Center Bulletin can be obtained by contacting the Health Sciences Center Office of Student Services at (631) 444-2111, or by contacting the office of the dean of a specific school.

Campus Activities

Cultural Activities on Campus

A wide variety of lectures, seminars, concerts, exhibits, theatrical performances, movies, and sporting events are scheduled regularly during the academic year. Campus Life Time is a 90-minute period on Wednesdays from 12:40 p.m. to 2:10 p.m. when no classes are scheduled, allowing students, faculty, and staff opportunities to participate in campus programs, convocations, meetings, and student club/organization activities.

Some recent well-known speakers at Stony Brook have included human rights advocate Martin Luther King III, peace advocate and grandson of Mahatma Gandhi Rajmohan Gandhi, former prime minister of Israel Shimon Peres, performer Rita Moreno, activists Richard Leakey and Robert Thurman, Pulitzer Prize winning journalist Seymour Hersh, best-selling author Susan Isaacs, and poet and playwright Derek Walcott.

Art galleries in the Staller Center for the Arts, in Melville Library, the Student Activities Center, and in the Stony Brook Union offer regularly changing exhibitions of works by on- and off-campus artists. The Museum of Long Island Natural Sciences, located in the Earth and Space Sciences Building, houses a continuous showing of dioramas depicting natural Long Island scenes as well as special temporary exhibits.

Generally, five films are shown weekly on campus, including vintage and current productions. Admission is usually free for students. The campus enjoys an average of one classical music concert every day, including student recitals and performances by faculty and visiting artists.

The Staller Center for the Arts, a premier cultural showplace, is located directly on campus. Staller Center offers dozens of performances in dance, music, art, theatre, and film from around the world and is a cultural resource to the campus and community. Jazz greats, cabaret stars, modern dance troupes, and opera companies are just a few of the talented artists that entertain at Staller Center. The world-famous Emerson String Quartet, Stony Brook’s Quartet-in-Residence, performs regularly. “Not Just for Kids” children’s shows bring the best in children’s entertainment to families.
Stony Brook students with valid ID can buy half-price tickets to live shows starting on the first day of each month and then throughout the month, in-person at the Staller Center Box Office. Student “rush” tickets go on sale 15 minutes before the performance for only $7.00 when seats are available.

The Main Stage Theatre has more than 1,000 seats, with the more intimate Recital Hall seating 400. The Department of Music students perform often, with recitals and Stony Brook Symphony Orchestra concerts performing on the Main Stage. There are three black box theatres used by the Department of Theatre Arts for plays throughout the school year. The spacious University Art Gallery has free exhibits of outstanding shows by faculty, students and other artists who are invited to exhibit.

Each summer, the Stony Brook Film Festival features independent films in competition, with filmmakers in attendance to introduce their films. The exciting event attracts film lovers from far and wide. More than 13,000 people came to the 2004 festival. The 2005 Stony Brook Film Festival celebrates the festival’s tenth year.

For tickets, schedules, and more information, call the Box Office at (631) 632-ARTS or visit http://www.stallercenter.com for the schedule of events.

Student Life

Both on and off campus, Stony Brook offers a world of possibilities: clubs for every interest, concerts, sports, lectures, and movies. Students have the opportunity to join other students who are involved in a wide variety of activities. The campus has miles of bike paths and acres of nature preserves. North Shore beaches are only a bike away and the South Shore beaches a short drive. Students can join the Habitat for Humanity program or dozens of organizations devoted to improving the quality of life or protecting the environment. The Interfaith Center reflects the many diverse religious traditions on campus. For students living at home while attending the University, there are numerous programs and events specifically for commuter students, such as the fall and spring commuter festivals, workshops, coffee hours with faculty, sponsored trips, dances, and banquets. Outside the campus, historic Stony Brook Village and bustling Port Jefferson offer shopping and entertainment. New York City is less than two hours by train, and the scenic North Fork and Hamptons are a close drive. Take advantage of the rich and varied life of the University and the region.

Varied student interests are represented by more than 300 groups as diverse as the Health Science Club, Rugby Sports Club, Committee on Cinematic Arts (COCA), the Science Fiction Forum, Students Putting an End to Cancer, Stony Brook Chess Association, and the Commuter Student Association, to name just a few.

Members of Stony Brook’s many fraternities and sororities have an important role in promoting campus pride and school spirit through their involvement in University traditions such as Homecoming and Stony Brook Welcome activities, and their sponsorship of numerous charities and community service programs.

Stony Brook has a healthy complement of student media groups that include the FCC licensed non-commercial radio station WUSB 90.1 FM, and SBU-TV, the campus television station. There are also two Internet publications, the Asian American E-Zine and the Stony Brook Independent. Both of these boast international readership, and the Independent is a Google news source. In print there are three student newspapers, The Statesman, Blackworld, and The Stony Brook Press. There is also a literary magazine titled Creative Minds and a yearbook called Specula. In addition, a host of clubs and organizations put out their own newsletters. The campus is also fortunate to have a college-level chapter of the Society of Professional Journalists, which serves as a pre-professional organization.

More than 30 groups reflect student interests in various cultural traditions, including the Asian Student Alliance, Philippine United Student Organization, African Student Union, Latin American Student Organization, and Caribbean Students Organization.

Athletics

Varsity sports get more competitive and fun to watch every year. Stony Brook’s football team competes in the Northeast Conference against such teams as Albany, St. John’s, and Monmouth. All other sports compete in the America East Conference, with some of the best teams in the east. In its second year in NCAA Division I, the Seawolves men’s and women’s basketball teams were rated the most improved by the Chicago Tribune.

The University also fields NCAA Division I teams in men’s baseball, women’s volleyball and softball, and lacrosse, swimming, tennis, soccer, indoor and outdoor track, and cross country for both men and women. All sports offer grants-in-aid. The new 8,000-seat Kenneth P. LaValle Stadium is home for Seawolf field sports.

Religious Centers on Campus

The Interfaith Center is the representative organization for religious associations and campus ministries who work at the University. Member associations work with administration, faculty, students, and staff in programs that contribute to the human quality of the University and to the integrity of its academic mission. Worship services are held and opportunities are provided to learn about and appreciate the diverse religious traditions of our students. Students should also be aware of Section 224-a of the New York State Education law as it pertains to exceptions from classes and coursework on religious holidays. See page 85 in the chapter titled Academic Policies and Regulations for more information regarding this law.

The Baptist Campus Ministry (BCM) is an organization of the Southern Baptist Convention. BCM offers counseling, prayer, retreat, worship, and other activities. The Hillel Foundation for Jewish Life is the umbrella organization that serves the needs and concerns of Jewish students on campus, offering cultural, educational, religious, community service, and social programs, as well as overseeing the kosher dining program. The Catholic Campus Ministry offers liturgies, retreats, the sacraments, and opportunities for Christian living and service, as well as full social and educational programs. The Islamic Society of North America addresses the social needs and spiritual development of Muslim students. The Protestant
Campus Ministry provides students with the opportunity to worship, attend social gatherings, study, receive counseling, and attend retreats.

The Interfaith Center is located on the second floor of the Stony Brook Union. Check with each association for a current schedule of worship services.

Baptist Campus Ministry, Union 278, 632-6564
Catholic Campus Ministry, Union 265, 632-6562
Hillel Foundation for Jewish Life, Union 201, 632-6565
Islamic Society, Union 271, 632-9769
Protestant Campus Ministry, Union 275, 632-6563

**Maintenance of Public Order**

The University wishes to maintain public order appropriate to a university campus without unduly limiting or restricting the freedom of speech or peaceful assembly. The State University Board of Trustees’ Rules for the Maintenance of Public Order (Part 535 of Title VIII—Compilation of Codes, Rules, and Regulations of the State of New York) are printed in the Student Conduct Code brochure (see next page). See Rules of Public Order at [http://studentaffairs.stonybrook.edu/judiciary/order](http://studentaffairs.stonybrook.edu/judiciary/order).

**Judicial Affairs**

The Office of Judicial Affairs supports University educational goals by promoting a just, safe, orderly, civil, and positive University climate for learning, in the classroom, in University residence halls/apartments, and on the campus.

The University Student Conduct Code provides students, faculty, staff and visitors with a procedural guide to initiate a complaint against a student when their rights as members or visitors to the University community have been allegedly violated. For all students, the Conduct Code supports compliance with state and federal laws pertaining to drugs, alcohol, weapons, physical assault, harassment, sexual harassment, sexual assault or abuse, acquaintance (date) rape, relationship violence, discrimination, and racial and sexual preference harassment.

Intervention by the Judicial Affairs addresses inappropriate conduct and also serves to educate students on how their conduct affects themselves, others, and the University community. University expectations for student conduct as outlined in the University Student Conduct Code are reviewed on a tri-annual basis through the Rules Revision Committee that includes student participation.

Students, both undergraduate and graduate, resident and commuter, can apply to become Administrative Hearing Board volunteers. When selected, Hearing Board members are trained to hear evidence and render fair and objective decisions on allegations brought to the formal hearing process.

Copies of the University Student Conduct Code are available on line at [http://studentaffairs.stonybrook.edu/judiciary/conduct](http://studentaffairs.stonybrook.edu/judiciary/conduct) and in hard copy in the Office of Judicial Affairs, 347 Administration, (631) 632-6705, or in the Office of Campus Residences in Mendelsohn Quad, (631) 632-6750.

**Parking and Traffic**

All vehicles parked on campus are required to have a valid parking permit. Regulations have been established to govern vehicular and pedestrian traffic and parking on highways, streets, roads, and sidewalks owned, controlled, or maintained by the University. These regulations apply to students, faculty, employees, visitors, and everyone else on campus.

Online registration, campus information, bus schedules, rail links, parking regulations and appeal procedures, and much more can be found on the Parking Services Web site at [http://www.parking.sunysb.edu](http://www.parking.sunysb.edu). Commuter students can sign up to purchase permits for the Stadium Lot and one additional premium lot: the ESS Meter Lot. Payment for premium lots can be made by charge card or the fee can be added to your University Account. Evening students may want to take advantage of the evening garage pass, which costs $11.37 per month and is valid after 3:00 p.m. Monday to Friday. If you don’t have computer access, call Parking Services at (631) 632-AUTO for more information.

**University Police**

The University Police has jurisdiction over the 1,100-acre campus and its buildings. While officers are not specifically assigned to residence halls, those halls are part of regular campus patrols. Trained officers are available to respond and assist around the clock throughout the year.

The members of the University Police are committed to community policing and are actively involved in campus activities. The goal of the Campus Relations Team is to educate the campus community on such topics as personal safety, risk awareness, crime prevention (including date and acquaintance rape prevention), drug and alcohol risk awareness, and many other community safety issues. They accomplish this mis-