An Introduction to Stony Brook

Spring 2009: updates since Spring 2007 are in red
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 more than 1,900 faculty and approximately 22,527 students.

Stony Brook has been classified as a Type 1 research university, which is the highest distinction granted to fewer than two 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.

Fifty years after its founding, Stony Brook has earned a place among the top two percent of all the world's universities, according to the London Times Higher Education Supplement. Stony Brook has also been ranked in the top 100 National Universities by U.S. News & World Report and included on their list of notable programs for undergraduate research/creative projects.

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.

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 connects the Melville Library, Stony Brook Union, and the Staller Center.

The Charles B. Wang Center, celebrating Asian and American cultures, is dedicated to presenting the public with a multifaceted, intellectually sound, and humane understanding of Asian and Asian American cultures, and their relationship to other cultures. The Wang Center houses the upscale Asian eatery, Jasmine, and serves as a conference facility and presenting venue for events of cultural, professional, and intellectual caliber.

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 educational “colleges,” or residence halls, each housing 200 to 400 students. A majority of the student body, and about 90 percent 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 apartments, provide accommodations to graduate students, families, and domestic partnerships. Chapin is located near the Stony Brook University Medical Center. The Schomburg Apartments offer one- and four-bedroom apartments and are available only to graduate students and domestic partnerships.

www.stonybrook.edu/ugbulletin
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 Manhattan**

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 eight 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. For more information about Stony Brook Manhattan, visit [http://sbnycc.stonybrook.edu](http://sbnycc.stonybrook.edu) or call (646) 472-2000.

**Stony Brook Southampton**

In 2006, Stony Brook University completed its purchase of the former Southampton College. Stony Brook Southampton, operating as an alternate location to Stony Brook’s main campus, offers primarily undergraduate courses shaped and taught in an interdisciplinary fashion, addressing issues regarding the environment and ecological sustainability. In addition to the Marine Sciences program and the programs related to the environment, Stony Brook Southampton offers an M.F.A. creative writing program, headed by Professor Robert Reeves. The Writers Conference is a 30-year institution on the East End, annually attracting leading authors and artists from across the country. Stony Brook will also offer courses and events at Southampton related to its Center for Wine, Food, and Culture. For more information about Stony Brook Southampton, please visit [http://www.stonybrook.edu/southampton](http://www.stonybrook.edu/southampton) or call (631) 632-8000.

**Stony Brook Students**

Undergraduates at Stony Brook can choose from 61 majors and 65 minors, offered through the College of Arts and Sciences, the College of Engineering and Applied Sciences, the Health Sciences Center, the School of Marine and Atmospheric Sciences, the School of Journalism, and the College of Business.

The University's enrollment for 2006 was 22,527, with 14,851 undergraduate students. Many students are enrolled part-time in late afternoon and evening courses offered by several departments and by the School of Professional Development.

Twelve percent of the freshman class come from out of state. All freshmen are affiliated with undergraduate colleges organized under six different themes (see page 17 for more information about the colleges). Overall, students from more than 100 countries attend Stony Brook. Many students study abroad in approved exchange programs spread around the globe, in countries such as France, India, Italy, Japan, Madagascar, Tanzania, Spain, Germany, England, and Korea.

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 faculty members hold doctoral degrees and 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.

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; and 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**

John Fleagle in Anatomical Sciences; James Glimm in Applied Mathematics and Statistics; William Lennarz and Rolf Sternblanz in Biochemistry and Cell Biology; Clint Rubin in Biomedical Engineering; Benjamin Chu and Iwao Ojima in Chemistry; Peter van Nieuwenhuizen in the C.N. Yang Institute for Theoretical Physics; Arie Kaufman in Computer Science; Lorne M. Golub in Dental Medicine; Douglas Futuyma, Jeffrey Levinton, and James Rohlf in Ecology and Evolution; Armen Zemanian in Electrical Engineering; Serge Luryi in Electrical and Computer Engineering; E. Ann Kaplan in English; Donald Weidner in Geosciences; Robert Aller, Nicholas Fisher, and Cindy Lee in the School of Marine and Atmospheric Sciences; H. Blaine Lawson Jr., Dusa McDuff, John Milnor, and Dennis Sullivan in Mathematics; Fu-Pen Chiang in Mechanical Engineering; Eckard A.F. Wimmer in Molecular Genetics and Microbiology; Gilbert Kalish in Music; Lorne Mendell in Neurobiology and Behavior; Israel Kleining in Oral Biology and Pathology; Arthur Grossman in Pharmacological Sciences; Edward S. Casey, Richard Howard, and Don Ihde in Philosophy; Gerald E. Brown, Barry McCoy, and George Sterman in the C.N. Yang Institute for Theoretical Physics; Janos Kirz, Konstantin K. Likharev, Edward Shuryak, and Philip Solomon in Physics and Astronomy; Mark Schneider and Jeffrey Segal in Political Science; M. Christina Leake in Preventive Medicine; Arthur A. Stone in Psychiatry; and Marvin Goldfried and K. Daniel O’Leary in Psychology.

**Distinguished Professors Emeriti**

Paul Poppers in Anesthesiology; Jacob Bigeleisen and George Stell in Chemistry; Louis W. Ripa Jr. in Children's Dentistry; Theodosios Pavlidis in Computer Science; Robert Sokal in Ecology and Evolution; Louis Simpson in English; Donald Linsley in Geosciences; Robert Cess in the School of Marine and Atmospheric Sciences; Herbert Herman in Materials Science and Engineering; Charles Rosen in Music; Seymour Cohen and Edward Reich in Pharmacological Sciences; Paul Grannis in Physics and Astronomy; William Van der Kloo in Physiology and Biophysics; Milton Lodge in Political Science; Howard Rachlin in Psychology; Morton Meyers in Radiology; and John Gagnon in Sociology.
Distinguished Teaching Professors Emeriti

Jack Stern in Anatomical Sciences; Alan Tucker in Applied Mathematics and Statistics; Robert Kerber in Chemistry; Fred Ferguson in Children's Dentistry; H. Barry Waldman in General Dentistry; Michael Barnhart in History; Patrick Grim and Helen Rodnite Lemay in Philosophy; Harold Metcalf in Physics and Astronomy; Norman Goodman in Sociology; and Jonathan F. Levy in Theatre Arts.

Distinguished Teaching Professors Emeriti

Elof Carlson in Biochemistry and Cell Biology; S. Stanley Alexander in Dental Medicine; Homer Goldberg and Rose Zimbardo in English; Barbara Elling in Germanic and Slavic Languages and Literatures; Judith Tanur in Sociology; Thomas Liao and John Truxal in Technology and Society; and John Truxal in Technology and Society.

Distinguished Service Professors Emeriti

David Krause in Anatomical Sciences; Mario Mignone in European Languages and Cultures; Gilbert Hanson and Robert Liebermann in Geosciences; Malcolm Bowman in the School of Marine and Atmospheric Sciences; Peter Paul in Physics and Astronomy; Dorothy Lane in Preventive Medicine; M. Christina Leske in Preventive Medicine; Said Arjomand and Norman Goodman in Sociology; and David Ferguson and Lester Paldy in Technology and Society.

Distinguished Service Professors Emeriti

Velio Marsocci in Electrical Engineering; Robert Cess in the School of Marine and Atmospheric Sciences; J.R. Schubel, former Dean and Director of the Marine Sciences Research Center; Ira Kra in Mathematics; Barry Coller in Medicine and Pathology; Sidney Gelber in Philosophy; and Eli Seifman, Social Sciences Interdisciplinary and Director Emeritus of the Center for Excellence and Innovation in Education.

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 four members of the National Academy of Engineering. There are 62 Guggenheim Fellows, 52 Fulbright Fellows, and 11 Rockefeller Foundation Fellows.

Academic Programs

The broad range and high quality of the programs at Stony Brook offer undergraduates the opportunity to pursue both traditional and innovative courses of study. In their major areas, students delve deeply into one field, guided by nationally distinguished scholars. Major programs build on the Diversified Education Curriculum (D.E.C.), which stresses writing, quantitative literacy, and the serious examination of intellectual and societal issues. There are frequent opportunities for undergraduates to collaborate with faculty in research projects and creative activities.

The following degrees are offered at Stony Brook: Bachelor of Arts, B.A.; Bachelor of Engineering, B.E.; Bachelor of Science, B.S.; Master of Arts, M.A.; Master of Arts in Liberal Studies, M.A./L.S.; Master of Arts in Teaching, M.A.T.; Master of Fine Arts in Dramaturgy or Studio Art, M.F.A.; Master of Music, M.M.; Master of Philosophy, M.Phil.; Master of Professional Studies, M.P.S.; Master of Science, M.S.; Master of Social Welfare, M.S.W.; Doctor of Dental Surgery, D.D.S.; Doctor of Medicine, M.D.; Doctor of Medicine and Doctor of Philosophy, M.D./Ph.D.; Doctor of Nursing Practice (D.N.P.); Doctor of Philosophy, Ph.D.; Doctor of Musical Arts, D.M.A.; Doctor of Physical Therapy, D.P.T.; M.S.W./J.D.; and Master of Public Health, M.P.H.

As part of the State University of New York, Stony Brook University is accredited by the Middle States Association of Colleges and Schools. Programs of the College of Engineering and Applied Sciences 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 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 (EAC) and Computing Accreditation Commission (CAC) 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 to 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 M.B.A. program. Undergraduate majors receive an education in general management with a

Diversified Education Curriculum

The Diversified Education Curriculum (D.E.C.) is designed to enhance learning experiences, career development, and informal contact with faculty members through seminars and other activities.
specialization in one of four business functions: accounting, finance, marketing, and operations. The College of Business requires 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 M.B.A. degree is offered in several different formats, including a day program for full-time students, a weekend and evening program for part-time students, and a fast track program for undergraduates who want a joint bachelor's-M.B.A. degree. These are 60-credit hour programs with the opportunity to specialize in marketing, finance, general management, human resources, information systems, or health care management. Special Executive M.B.A. programs are offered at Stony Brook Manhattan and on companies’ premises.

The admission requirements and curriculum for the major and minor are described on pages 150-153 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/sbbusiness.

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 have the opportunity to pursue reporting assignments and internships both on Long Island and in New York City. Students in the major are 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 understanding of the mission of the press and of journalistic principles, and have a desire to improve critical thinking and writing skills.

The Health Sciences consists of five professional schools. Stony Brook University Medical Center and the Long Island State Veterans Home are major teaching facilities for the educational programs of the schools. 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.ukhome.sunysb.edu/studserv/hs cbulletin.html or contact the Health Sciences Center Office of Student Services, Stony Brook University, Stony Brook, NY 11794-8276, (631) 444-2111.

The School of Marine and Atmospheric Sciences (SoMAS) 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, the Waste Reduction and Management Institute, and the Marine Disease Pathology and Research Consortium. The Center offers undergraduate degree programs in Marine Sciences, Marine Vertebrate Biology, Environmental Studies, and in Atmospheric and Oceanic Sciences, as well as minors in Marine Sciences and Environmental Studies. 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. 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 2006-2008 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. Address any inquiries concerning graduate admission, financial aid, scholarships, or fellowships to the specific program.

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 persons 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 professional 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 persons seeking initial teacher certification in English, French, Italian, German, Spanish, biology, chemistry, physics, earth science, mathematics, or social studies, and the
Master of Professional Studies (M.P.S.)

with concentrations in human resource management and environmental management.

In addition, SPD offers advanced graduate certificate programs in educational computing, human resource management, information systems management, operations research, waste management, and coaching. For educators, there are post-master’s certificate programs leading to school building leader, school district leader, and school district business leader licenses.

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 SPD’s 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.stonybrook.edu/spd.

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 13,500 people on the campus payroll. It is the largest single-site employer in Suffolk County.

An important educational center for the Island, Stony Brook also provides a social and cultural focal point, making art, theatre, music, and film available to the local community. Several hundred concerts, lectures, films, theatre productions, art exhibits, and sports events on campus are open to the public each semester, many at no charge, and it is estimated that hundreds of thousands of people annually attend these events or visit the campus to take advantage of other facilities and services. The University offers a specialized referral center for health care, multiple recreational opportunities, and a broad range of other services for individuals and groups in the public and private sectors. Regional business and civic leaders help guide the Stony Brook Foundation—the University’s independently incorporated development arm—and community members with special interests in campus programs participate in Friends of the Staller Center for the Arts and the University Hospital Auxiliary.

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 businesses. 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 Marine Sciences Research Center, one of the world’s leading centers for coastal oceanography. Senior public and private sector managers are trained by the College of Business, while the Center for Corporate Continuing Education and Training serves all segments of business and industry with noncredit instruction. The Center for Regional Policy Studies completed the wide-ranging Long Island Strategic Economic Development Plan, which provides recommendations for a sound regional economy through the year 2010.

Education

Stony Brook plays an important role in local education as well. Liberty Partnerships is a program that sends undergraduate 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
always in keeping with its educational philosophy emphasizing individualization of instruction and development of the complete professional. The Health Sciences schools have 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 leads to a Master of Public Health (M.P.H.) 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 schools. Two Health Sciences 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 schools, Stony Brook University Medical Center, 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, the Medical Center 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. The Medical Center 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 Bulletin. Since the 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 Bulletin can be obtained by contacting the Health Sciences 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 Senator Hillary Rodham Clinton; Pulitzer Prize winning authors Frank McCourt and Alice Walker; Emmy Award winner Phil Donahue; human rights advocate Martin Luther King III; activists Richard Leakey, who is a member of the faculty, and Robert Thurman; and Ibrahim Agboola Gambir, United Nations Under Secretary-General for Political Affairs.

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 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.

Staller Center for the Arts

The Staller Center for the Arts, a premier cultural showcase, 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 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 10 days of outstanding independent films in competition, with filmmakers coming from all over the world to introduce their films. The 2007 Stony Brook Film Festival celebrates the festival’s twelfth year.

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

Charles B. Wang Center

The Charles B. Wang Center initiates and collaborates with academic departments, student groups, community organizations, and individuals in presenting the public with a multifaceted, intellectually sound, and humane understanding of Asian and Asian American cultures, and their relationship to other cultures. The Wang Center is also a presenting venue for events of cultural, professional, and intellectual caliber that are initiated by and involve the various components of Stony Brook University, Long Island communities and organizations, as well as other regional, national, and international constituencies. The Wang Center is non-partisan and non-sectarian, and upholds the values of pluralism, democracy, and equality.

For more information on the Wang Center’s programs, please visit http://www.stonybrook.edu/shwang/index.shtml or call 631-632-4400. To be included on the mailing list, please send an e-mail to wangcenter@stonybrook.edu.

For facilities reservations and inquiries, please contact the Office of Conferences and Special Events at (631) 632-6320 or e-mail wangreservations@stonybrook.edu.

Student Life

Both on and off campus, Stony Brook offers a world of possibilities: clubs for every interest, concerts, sports, lectures, and movies. You’ll have the opportunity to join other students who are involved in the things you like to do. The campus has miles of bike paths and acres of nature preserves. North Shore beaches are only a hike away and the South Shore beaches a short drive. You 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 religions traditions on campus. If you’re living at home while attending the University, there are numerous programs and events 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 is a close drive, as are the Hamptons. Take advantage of the rich and varied life of the University and the region.

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.

The student newspaper, Statesman, is published twice weekly during the academic year with a circulation of 10,000 on campus and in the local community. Other student publications include the Stony Brook Press, a student weekly; Blackworld, a newspaper focusing primarily on news of interest to the black community on campus; and Stony Brook Shelanu, a newspaper published by the B’nai Brith Hillel Foundation.

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

www.stonybrook.edu/ugbulletin
Students Organization. Many of these cultural organizations hold their programs and meetings in the UNITI Cultural Center located in the Stony Brook Union. The UCC, as it is commonly called, is a facility for all students to enjoy. It has a study lounge, several programming spaces, and a browsing library and is home to the UNITI Cultural Center Student Organization.

Athletics
The Stony Brook University Athletics Department proudly supports 20 Division I varsity sport programs that compete at the highest level within the NCAA. The University fields women’s programs in soccer, volleyball, basketball, lacrosse, cross country, swimming and diving, indoor track and field, outdoor track and field, tennis, and softball. On the men’s side, the Seawolves compete in football, basketball, lacrosse, soccer, cross country, swimming and diving, indoor track and field, outdoor track and field, baseball, and tennis. All of Stony Brook’s programs compete as members of the America East Conference except for the Seawolves football program, which has been elevated to a Division I-AA scholarship program and is currently competing as an independent team after winning the Northeast Conference title in 2005-06. All of Stony Brook’s men’s and women’s programs offer athletic scholarships.

The Seawolves 425 student-athletes compete in impressive athletic facilities including the 8,000 seat Kenneth P. LaValle stadium, the 4,000 seat Stony Brook Arena, and the Seawolves Baseball and Softball Complex. The Athletics Department is also the proud new home of the 6,000-square-foot Goldstein Family Student-Athlete Development Center, which boasts a state-of-the-art computer lab with 24 terminals, a 100-seat study hall/multipurpose function room, a career resource/library, and four private tutor rooms as well as administrative offices for the academic staff. New locker rooms have been added for football and men’s and women’s lacrosse, while men’s and women’s basketball will have state-of-the-art locker rooms as part of a planned renovation to the Stony Brook Arena. Other recent renovations have also taken place in the varsity weight room and training room.

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 91 in the chapter on 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 355 of Title VIII—Compilation of Codes, Rules, and Regulations of the State of New York) are printed in the Student Conduct Code brochure. For the Rules of Public Order, please visit 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 www.stonybrook.edu/ugbulletin
Transportation, 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 all other persons upon such premises.

Online permit registration, campus information, Campus Bus Service schedules, maps, rail links, parking regulations and appeal procedures, and much more can be found on the Transportation and Parking Services Web site at http://www.parking.sunysb.edu. Commuter students can also sign up to purchase premium parking permits for the Stadium Parking Lot online as well. Payment for premium parking permits can be made by charge card or the fee can be added to your Stony Brook University Account. Evening students may want to take advantage of the evening parking garage pass, which costs $11.37 per month and is valid after 3:00 p.m. Monday through Friday. If you don’t have computer access, please 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 Community 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 mission through formal and informal talks, student and employee orientations, and the creation and distribution of pamphlets and posters across the campus. The Community Policing Office may be reached at (631) 632-7786.

The University Police can be reached from any campus phone by dialing 911. From off campus and cell phones, dial (631) 632-3333.