

STONY BROOK UNIVERSITY

has been recognized by *U.S. News & World Report* as one of the top 100 best national universities. We are home to an exceptionally diverse student body of more than 23,000 high-achieving students from all 50 states and more than 100 countries.

Stony Brook offers more than 150 majors, minors, and combined bachelor/master degree programs through our College of Business, School of Journalism, College of Arts and Sciences, School of Marine and Atmospheric Sciences, College of Engineering and Applied Sciences, and Health Sciences Center. All undergraduates experience a thriving research environment, exciting study abroad opportunities, and a dynamic first-year experience in one of six small undergraduate communities.

Our campus includes the Staller Center for the Arts, featuring world-class dance, music, and theatrical performances; Stony Brook University Medical Center, Long Island's only tertiary care academic medical center; the Charles B. Wang Center, celebrating Asian and American cultures; an 8,300-seat stadium; a new Humanities Building; and the Frank Melville Jr. Library. The academic, cultural, and research facilities at Stony Brook University provide an ideal environment for growth and the opportunity to advance knowledge that changes the world.

Our 1,100-acre campus, on the North Shore of Long Island halfway between Manhattan and Montauk, is easy to reach by train, plane, car, and ferry. Come for a visit and discover why we are named one of 40 "Best Buys" nationwide by *Fiske Guide to Colleges*. For more information, visit www.stonybrook.edu



THE WALL STREET JOURNAL used an independent benchmarking system to evaluate how successful graduates of different colleges are in gaining admission to top graduate schools in medicine, law, and business. Stony Brook University performed very well under scrutiny. We ranked 8th among all public colleges and universities nationwide. Among all colleges and universities (a group of about 3,000 institutions), we ranked 86th. We like to think that this information confirms what we have known all along. Stony Brook is an excellent educational value and an excellent place to prepare for a future in a profession like medicine.

Preparing for the Graduate Health Professions

EXCEL

Students are often surprised to learn that there's no preferred major for students seeking entrance to medical school. Medical schools are far more interested in academic excellence than choice of major.

Consequently, at Stony Brook you'll be advised to major in what you like and want to learn more about. Stony Brook offers more than fifty majors, making it easy for you to find the program that suits you. The important thing is to select a major based on your interests and aptitudes; your grades will be better and you will be a happier person for it. Whatever you do, be sure to take a balanced program. If your major is in the natural or physical sciences, it's a good idea to complement this with a minor in the humanities or social sciences and vice versa.

PREPARE

While medical schools accept all kinds of majors, they also expect applicants to have successfully completed certain "premed" courses. Stony Brook's premed courses are recognized for their rigor and provide excellent preparation for the Medical School Admission Test (MCAT). In general, those applying to doctoral level programs in medicine, osteopathy, dentistry, and veterinary medicine are expected to complete the following courses before applying to a professional school:

- ★ One year of general biology with laboratory
- ★ One year of general chemistry with laboratory
- ★ One year of organic chemistry with laboratory
- ★ One year of physics with laboratory
- ★ One year of English
- ★ One year of college-level mathematics, including at least one semester of calculus

NOTE: AP credit (usually a 4 or 5) may exempt you from one or another of these courses; if so, you'll want to take a year of course work in that discipline at a higher level.

CONNECT

With advisors... The Academic and Pre-Professional Advising Center at Stony Brook has trained health professions advisors who provide guidance and information to help enrolled students prepare for a future in medicine. If it relates to the health professions, they have information about it: selecting health careers, employment projections, which prerequisite courses to take and when to take them, health-related clubs on campus, professional exams, volunteer work, and summer programs. You may want to review the prehealth website at www.stonybrook.edu/healthed. At orientation, you'll file an Initial Interest form and subsequently be sent a newsletter each semester to keep you informed of premedical opportunities and requirements in a timely fashion. Premedical advising is available on a regular schedule in the Academic and Pre-Professional Advising Center; visit early in your first semester at Stony Brook.

With other students... Stony Brook's premed students connect and support each other. They do this by forming study groups in the "premed" classes, and through active participation in the Stony Brook chapter of Alpha Epsilon Delta—the national premedical honor society, the Premedical Society, and Minorities in Medicine. Together these groups sponsor many events for students interested not only in medicine, but in other graduate health professions as well.

DISCOVER

There is a synergy between research and classroom learning. Research enables you to engage in hands-on, discovery-based learning and to develop critical skills as you examine a subject in collaboration with outstanding scientists and

scholars. It also can provide you with an appreciation of the challenges in medicine and biomedical research and close interaction with faculty.

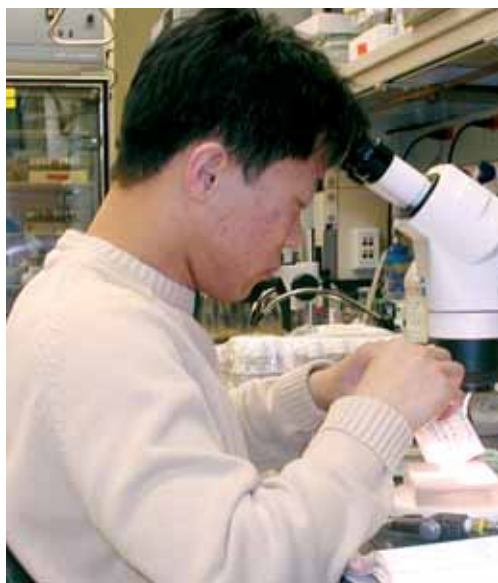
At Stony Brook research is regarded as an important and integral part of the educational experience. And, as a major research university, the opportunities for you to participate in research as a Stony Brook undergraduate are enormous. You can start to learn about scientific investigation by meeting with the faculty member who is the undergraduate research liaison for the department in your area of interest. Students also can become involved in research projects at Stony Brook University Medical Center or at the University's School of Dental Medicine. Several funding opportunities are available to assist undergraduates in their research and creative activities, including URECA Summer Fellowships, Howard Hughes Medical Institute, Undergraduate Research Fellowships, Simons Fellowships, and RAIRE Summer Fellowships.

EXPERIENCE

Opportunities abound for undergraduates to obtain clinical experience by joining the Stony Brook Volunteer Ambulance Corps and at Stony Brook University Medical Center through volunteer work and internships.

Volunteering at Stony Brook University Medical Center is an activity that affords students a convenient way to obtain valuable and rewarding experiences in direct patient care settings. A strong commitment to excellence in patient care, teamwork, and community service allows Stony Brook University Medical Center to offer a fine array of programs and services.

Stony Brook's Internship Program also allows students to participate in on-site work experience in an area related to their interest while earning credit. Certain criteria apply for acceptance into the Internship Program; individual faculty members also may set specific criteria for enrolling in a research course under their direction.



Pursue

Name your passion; you'll find it at Stony Brook. Cultural and religious groups, intramural and varsity sports, sororities and fraternities, and student newspapers and magazines abound. And, with its own radio station and more than 100 student interest clubs and organizations as diverse as the Cycling Club, Committee on Cinematic Arts, the Chess Masters, the Science Fiction Forum, the USB Equestrian Team, the Badminton Club, the Ballroom Dance Club, the Gospel Choir, and the Stony Brook Outdoors Club, you'll have your pick of fun and worthwhile activities.

Substantial participation in an activity is important and when applying to medical school you'll be asked to explain why you chose a particular activity. Be sure to select an activity because of your interest in it and don't try to join a half dozen clubs.

Succeed

All medical schools require not only letters of recommendation, but also an institutional evalu-

ation. Stony Brook's Faculty Committee on Health Professions coordinates this important process through the Academic and Pre-Professional Advising Center. Even though the number of applicants to medical school has dropped in recent years, the acceptance numbers have been getting more competitive nationwide, with the grades and MCAT scores of accepted students continuing to nose upwards. It is also predicted that, after a long decline, the number of people applying to medical school is going to increase.

Stony Brook's Faculty Committee on Health Professions is pleased to note that Stony Brook students who apply to schools of the health professions tend to do quite nicely. In any given year, from 95% to 100% of our students who are at the national acceptance mean for medical schools are accepted. This means a cumulative grade point average of about 3.53 and a score of ten on each numbered section of the MCAT: verbal reasoning, biological sciences, and physical sciences. These are acceptances to allopathic medical schools (M.D. programs) in the United States.

Of course, not every student is perfect—not every student is at the New York State mean either. So, if we disregard the MCAT scores, and just take a cumulative grade point average figure of 3.50, we are talking about an acceptance rate of about 73% to US allopathic medical schools (M.D. programs). If we include the subset of students who look into and apply to colleges of osteopathic medicine (D.O. programs) in addition to allopathic medical schools, then we are talking about 78% of our students with a 3.5 GPA getting accepted to medical school.

It is important to keep in mind, however, that you will be accepted to a school of the health professions as an individual, not as a statistic. Other qualifications medical admissions committees examine in addition to GPA and MCAT scores include: accomplishments, intellectual curiosity, emotional maturity, character, interest in medicine, sensitivity to others, communication skills, critical thinking and problem-solving skills, sense of caring for others, and commitment to service.

MEDICAL SCHOOLS ACCEPTING STONY BROOK APPLICANTS IN RECENT YEARS

Albert Einstein College of Medicine
Boston University School of Medicine
Case Western Reserve U School of Medicine
Columbia University College of P & S
Drexel University College of Medicine
Eastern Virginia Medical School
Emory University School of Medicine
George Washington U Sch of Med & Health Sci
Georgetown University School of Medicine
Harvard Medical School
Howard University
Indiana University School of Medicine
Jefferson Medical Coll. of Thomas Jefferson U
Johns Hopkins University School of Medicine

Medical University of South Carolina
Mount Sinai School of Medicine
New York Medical College
New York University
Pennsylvania State U College of Medicine
Ponce School of Medicine
Rosalind Franklin U of Medicine and Science
Stony Brook University - School of Medicine
SUNY Downstate Medical Center
SUNY at Buffalo Medical School
SUNY Upstate Medical University
Temple University School of Medicine
University of New Mexico Health Sciences Center
Tufts University School of Medicine

UMDNJ- Robert Wood Johnson Medical School
UMDNJ-New Jersey Medical School
University of California
University of Chicago - Pritzker
University of Cincinnati College of Medicine
University of Florida
U of Illinois at Chicago-College of Medicine
U of Minnesota Medical School-Minneapolis
University of Pennsylvania School of Medicine
University of Pittsburgh School of Medicine
U of Rochester School of Medicine and Dentistry
Wake Forest University School of Medicine
West Virginia University School of Medicine
Yale University School of Medicine

As a state-supported medical school, the School of Medicine at Stony Brook accepts applicants from all over the state; there is no reserved quota for Stony Brook undergraduates, although typically approximately 10% of the entering class of 100 at the medical school is comprised of Stony Brook applicants.



YOUR FRESHMAN YEAR

Your first year in college can be a foundation for success that will benefit you for the rest of your life. If you have made the decision to succeed, you are going to focus on getting good results in three main areas this year: academics, health professions knowledge, health professions experience. Everyone in the Academic and Pre-Professional Advising Center and the entire Faculty Committee on Health Professions wish you a successful first year. It is hoped that throughout the course of your years at Stony Brook you remain as enthusiastic and ambitious as you are on the very first day of classes, and that you grow both in dedication to your goals and in the strength it takes to reach them.

ACADEMICS

As a freshman, you need to do more than study to pass the next exam. You need to learn “for keeps.” Two or three years from now, if you are applying to medical schools, you will need to take the MCAT, which will draw on the materials and skills that you learn in freshman year. If all that you do is cram for tests, you will not be prepared. Further, you need to do more than learn “for keeps.” You need to refine your study skills so that you will be able to learn more complex, more difficult material in the same time that it now takes you to learn “easy stuff.” Improving your study habits is a very difficult task indeed. You need to write, condense, and index your notes; connect concepts, and distill crucial insights from what seem to be dry facts and numbers.

A lot of students say that they work best under pressure. This could be true, but usually it means the pressure of a deadline or test the next day. If you can work only under deadline pressure, this could spell trouble unless you keep one crucial fact in mind. There are always more applicants than seats at any given school of the health professions. Those seats, those acceptances, go to the students who can work day after day under the self-imposed pressure of trying to achieve a long-term goal.

YOUR PROFESSORS

Your professors do more than lecture and carry out research. They have office hours, time that they set aside specifically for you, their students. If you study and learn well, you are going to develop good questions about what your professors teach in class. These questions could be about basic conceptual and theoretical issues. These questions could be about how to get resources for further study. You want to talk about these things with your professors during office hours. Eventually, you will get to know some of your professors well enough to ask them to write letters of recommendation for you. If you are interested in medicine, dentistry, optometry, physical therapy, podiatry, or veterinary medicine, recommendation forms are in the Academic and Professional Advising Center (Melville Library, Room E-2360) for you to use. If you are interested in another health profession, you should open up a recommendation file at Career Placement (Melville Library, Room W-0550).

NATIONAL LIBRARY OF MEDICINE

The National Library of Medicine is the world's largest library of information that pertains to health, health care, disease, and medical research. Their website is an excellent resource that you can use to educate yourself about the health professions. The site address is www.nlm.nih.gov. and for MEDLINE alone, you want to memorize this address. When you run a MEDLINE search, be creative! You will find that topics such as literature, history, personal biography, ethical issues, human sexuality, and psychology can all be accessed in addition to the “hard sciences” and that all of these topics can relate to the health professions.

HEALTH PROFESSIONS KNOWLEDGE

The chances are good that you have some health professions knowledge. After all, if you are taking prehealth courses, you are doing it for a purpose, to fulfill the requirements for one or more health career areas. Health Professions Advisors (Melville Library, Room E-2360) have updated prerequisite information, so you'll want to stop by to pick up the information that relates to your goals. Reading newspapers, speaking with health care professionals, and the internet are good resources for expanding your knowledge base. You want to be sure that the career you select is right for you, and good information is crucial to being sure of your choice.

HEALTH PROFESSIONS ADVISING

Health Professions Advisors are available in the Academic and Pre-Professional Advising Center (Room E-2360 of the Melville Library). Contact them by phone (631-632-7082), their Web site (www.stonybrook.edu/healthed), or by email (prehealth@stonybrook.edu). If it relates to the health professions, they have information about it: selecting health careers, employment projections, which prerequisite courses to take and when to take them, health-related clubs on campus, professional exams, volunteer work, summer programs. So, stop by and take a look through their information, talk with an advisor during their walk-in advising hours, or send them an email.

GRADUATE PROGRAMS IN THE HEALTH PROFESSIONS AT STONY BROOK UNIVERSITY

Stony Brook's Health Sciences Center offers the following graduate/professional programs for those who have already earned their bachelor's degree:

- ★ School of Medicine's MD and MD/PhD programs
- ★ School of Dental Medicine's DDS program
- ★ School of Health Technology and Management's Doctor of Physical Therapy (DPT)
- ★ Master of Public Health (MPH) program
- ★ School of Health Technology and Management's Health Care Policy and Management (MS)
- ★ Master of Science degree program in Nursing and Doctor of Nursing Practice degree
- ★ School of Social Welfare's MSW, PhD, and dual MSW/JD program
- ★ PhD programs in Anatomical Sciences, Oral Biology and Pathology, Pharmacological Sciences, Physiology and Biophysics, Molecular Genetics and Microbiology
- ★ Master of Science in Physician Assistant

For more information about these graduate programs, please contact the Health Sciences Center's Office of Student Services at (631) 444-2111 or visit their Web site at www.uhmc.sunysb.edu/studserv

www.stonybrook.edu/admissions

enroll@stonybrook.edu

(631) 632-6868

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