

STONY BROOK UNIVERSITY MEDICAL CENTER

# FACTS & STATS

**S**tony Brook University Medical Center (SBUMC), a collaboration between Stony Brook University Hospital and Stony Brook University School of Medicine, serves the healthcare needs of Long Island residents. SBUMC is Suffolk County's only tertiary care center and Level 1 Trauma Center. The 546-bed Medical Center is fully accredited by The Joint Commission.

As a premier academic medical center, Stony Brook is responsible for healing the sick, educating skilled healthcare professionals, uncovering the complexities of disease and discovering new treatments, and reaching out to the community to inform and teach. We fully embrace patient and family centered care, and consider our patients and families to be integral members of the healthcare team.



## CENTERS OF EXCELLENCE

- The Cancer Center provides advanced care with its Disease Management Teams and participation in national clinical trials. Our facility for outpatient services, opened in 2007, houses the Cancer Center, Imaging Center, Pain Management Center, and the Carol M. Baldwin Breast Care Center.
- The Heart Center offers the only Open Heart Surgery Program in Suffolk County. It is one of only six accredited Chest Pain Centers in New York State. The Center provides a central location where world-class physicians and specially trained staff deliver seamless care to cardiac patients.
- The Women and Infants Center provides perinatal services, including advanced care for premature and critically ill babies in the Neonatal Intensive Care Unit (NICU).

## NEW YORK STATE-DESIGNATED REGIONAL CENTERS

- AIDS Center, encompassing Adult, Pediatric, and OB/GYN HIV specialist care
- Burn Center, including a Living Skin Bank
- Comprehensive Psychiatric Emergency Program
- Comprehensive Sickle Cell Program
- Perinatal and Neonatal Center
- Stroke Center (accredited by The Joint Commission)
- Suffolk County Regional Resource Center for Emergency Management
- Trauma Center

## PROGRAMS AND CENTERS OF DISTINCTION

- Blood and Marrow Stem-Cell Transplant Program (both autologous and allogeneic)
- Cardiac Arrhythmia Service, including the Sensei™ Robotic Catheter System
- Carol M. Baldwin Breast Care Center
- Cerebrovascular Center
- Cody Center for Autism and Developmental Disabilities
- Cystic Fibrosis Center
- Epilepsy Management Program
- General Clinical Research Center (NIH supported)
- Joint Replacement Center
- Kidney Transplantation Service
- Multiple Sclerosis Comprehensive Care Center, including the Pediatric Multiple Sclerosis Center
- Neuromuscular Disease and Amyotrophic Lateral Sclerosis (ALS) Center
- Robot-Assisted Surgery Program
- Sleep Disorders Center

## PERFORMANCE INITIATIVES

Stony Brook University Medical Center has participated in the Institute for Healthcare Improvement's (IHI's) "Saving 100,000 Lives" and the "Protect 5 Million Lives from Harm" campaigns, and continues to pursue the IHI's goals of:

- Instituting Rapid Response Teams
- Focusing on delivering reliable, evidence-based care for acute myocardial infarction
- Implementing a series of interdependent, scientifically grounded steps to prevent central line infections
- Implementing a series of interdependent, scientifically grounded steps to prevent ventilator-associated pneumonia
- Utilizing the National Surgical Quality Improvement Program to enhance performance to prevent surgical site infections

## POSITIVE OUTCOMES

Stony Brook University Medical Center is actively working to become a high reliability organization (HRO)—an organization that is focused on getting it right with error-free operation over time. The Medical Center has numerous quality initiatives to support this goal, and has been recognized by a variety of organizations for its quality excellence.

- **Early Sepsis Identification** Stony Brook was identified as a leader within New York State in the Surviving Sepsis Campaign. Survival rates for patients who arrive at SBUMC's Emergency Department with severe infections have improved by 30 percent from 2006 to 2007.
- **Mortality Rate Improvement** From 2002 to 2007, Stony Brook has experienced a 24 percent decrease in the raw mortality rate. Over the same period, similar hospitals and academic medical centers in the University HealthSystem Consortium (UHC) median had a 13 percent decrease in their mortality rates, while those in the UHC top tenth percentile saw a 21 percent decline.
- **University HealthSystem Consortium (UHC) Recognizes Stony Brook Cardiology** For the 12-month period ending March 2008, Stony Brook had the second lowest risk-adjusted cardiac mortality of any hospital within the UHC. Risk-adjusted cardiac mortality is the rate of death taking into account medical problems a patient has at the time of admission in addition to the reason for admission.

## PRIMARY CARE/SATELLITE SITES

- Center Moriches
- East Moriches
- East Setauket
- Hampton Bays
- Islandia
- Islip Terrace
- Patchogue
- Smithtown

## HOSPITAL ALLIANCES

The alliances are part of an initiative to create a healthcare system in Suffolk County that would raise the quality of care for all residents, including those living on the East End of Long Island. To date, Stony Brook University Medical Center has formed alliances with Peconic Bay Medical Center, Southampton Hospital, and Eastern Long Island Hospital.

## MAJOR MODERNIZATION PROJECT

The Major Modernization Project ensures that Stony Brook University Medical Center will continue to be a respected healthcare leader by providing access to the latest medical developments and technology, as well as offering comfort and convenience to patients. Phase one, completed fall 2008, with 154,000 square feet of new construction and 48,000 square feet of renovation, includes a new wing housing a Women and Infants Center, a state-of-the-art Surgical Suite, and an expanded and newly designed Emergency Department. Phase two of the project includes an additional 105,000 square feet of renovation.

## COMMUNITY CONNECTIONS

Stony Brook University Medical Center is committed to helping individuals and organizations access healthcare services. By partnering with community-based organizations, Stony Brook strives to improve the health status of the community. Lectures, seminars, workshops, screenings, and other events promote health and well-being. Stony Brook's community newsletter, *Better Health, Better Living*, contains valuable health information and a calendar of events. The Resource Center at 115 Main Street in Stony Brook provides a convenient location where residents can obtain healthcare information and get blood pressure screenings. Staff members are available to assist visitors and answer questions.

## HEALTHCONNECT® TELEPHONE HELPLINE

Stony Brook University Medical Center's telephone helpline at (631) 444-4000 connects callers to registered nurses or other healthcare professionals who can answer questions, explain services, make physician referrals, and help schedule appointments. A separate Cancer Helpline (800-862-2215) is staffed by experienced oncology nurses, who can help with questions about prevention, treatment, and other concerns related to cancer.

## SCHOOL OF MEDICINE RESIDENCY PROGRAMS

- Anesthesiology
- Dentistry
- Dermatology
- Emergency Medicine
- Family Practice
- Internal Medicine  
Neurology  
Pediatrics
- Neurology
- Obstetrics and  
Gynecology
- Ophthalmology
- Orthopaedic Surgery
- Pathology
- Pediatrics
- Physical Medicine/  
Rehabilitation
- Preventive Medicine/  
Public Health
- Psychiatry
- Radiology  
Diagnostic
- Surgery  
General
- Urology
- Vascular Surgery

## SCHOOL OF MEDICINE FELLOWSHIP PROGRAMS

- |                           |                           |
|---------------------------|---------------------------|
| <b>Internal Medicine</b>  | <b>Pathology</b>          |
| Cardiovascular Diseases   | Blood Banking Transfusion |
| Endocrinology             |                           |
| Gastroenterology          | <b>Pediatric</b>          |
| Geriatric Medicine        | Endocrinology             |
| Hematology/Oncology       | Gastroenterology          |
| Infectious Diseases       | Infectious Diseases       |
| Interventional Cardiology | Neonatal/Perinatal        |
| Nephrology                | <b>Psychiatry</b>         |
| Pulmonary/Critical Care   | Child and Adolescent      |
| Rheumatology              | Geriatric                 |
| Sleep Medicine            |                           |
| <b>Neurology</b>          | <b>Radiology</b>          |
| Child                     | Musculoskeletal           |
| Clinical Neurophysiology  |                           |
| Vascular                  | <b>Surgery</b>            |
|                           | Colon and Rectal Surgery  |
| <b>Orthopaedics</b>       | Critical Care             |
| Hand Surgery              | Vascular Surgery          |

## CLINICAL STRATEGIC PRIORITIES

Key services are listed under each clinical priority. For information on additional services, call (631) 444-4000.

### CANCER

Multidisciplinary disease-specific care in: breast; colorectal; gynecologic; leukemia, lymphoma, and transplantation; lung; melanoma; neurologic; pediatric; sarcoma; thyroid, head and neck; upper aerodigestive; and urologic oncology

Adult and Child Neuro-Oncology

Amifostine Radioprotection

Blood and Marrow Stem-Cell Transplant Program

Cancer Clinical Trials and Research Programs

Cancer Genetic Counseling Program

Esophageal Cancer or Benign Disease Structure

Image-Guided Body Radiation Therapy and Stereotactic Body Radiation Therapy (SBRT) with the ExacTrac® X-Ray System

Lung Cancer Evaluation Center, including Cryoablation and Radiofrequency Ablation of Lung Cancers

Mammosite and Bronchial HDR Brachytherapy

Mohs Micrographic Surgery

Oral and Intravenous Radionuclide Therapy

Radio-Immunoglobulin Therapy

Respiratory Gating System

Robotic Surgical System (da Vinci® S HD™)

3D Conformal Radiation Therapy

Total Body Irradiation

### TRAUMA/ED

Level 1 Trauma Center

Chest Pain Center

Comprehensive Psychiatric Emergency Program

Continuing Day Treatment Program

EMS Program (ground and helicopter transport)

Patient Transfer Center

### GERIATRICS

Alzheimer's Center

Division of General Medicine and Geriatrics

Long Island Geriatric Education Center

Primary Care Center

### CARDIAC

Adult Congenital Heart Surgery and Repair

Arrhythmia Surgery, Microwave Maze Surgery, and Minimal Access Maze Surgery

Atrial Septal Defect (ASD)

Balloon Angioplasty

Cardiac Assist Device (Impella® 2.5)

Cardiac Catheterization and Electrophysiology Studies

Cardiac Reconstructive Surgery

Chest Injury Repair

Coronary Artery Bypass Surgery—CABG, OPCAB, MIDCAB, and Thoracoscopic CABG

Coronary CTA (Computed Tomography Angiogram)

Coronary Stenting

Drug Eluting Stents

Idiopathic Hypertrophic Subaortic Stenosis (IHSS)

Intravascular Ultrasound

Laser Angioplasty

Lung Volume Reduction Surgery (LVRS)

Major Aortic Surgery including Endovascular Aortic Surgery

Pacemaker Implantation and Automatic Implantable Cardioverter-Defibrillator (AICD)

Patent Foramen Ovale (PFO)

Radial Artery Bypass Conduits and Total Arterial Revascularization

Reoperative Surgery and Gastroepiploic Bypass

Robotic Catheter System (Sensei™)

Robotic Surgical System (da Vinci® S HD™)

Thoracic Surgery

Transmyocardial Revascularization (TMR)

Valve Surgery and Repair

Ventricular Assist Devices, including Intra-Aortic Balloon Pump (IABP), Biventricular Assist Device, Left Ventricular Assist Device (LVAD)

Ventricular Resynchronization

### NEUROSCIENCES

Acoustic Neuroma Surgery

Acute Stroke

Aneurysm and Brain Arteriovenous Malformation (AVM) Management

Cerebral Angiography

Complex Spinal Reconstruction

Comprehensive Brain and Spinal Tumor Management

Cranioplasty

Endoscopic Brain Surgery

Endovascular Neurosurgery

Epidural Steroid and Facet Joint Injection

Epilepsy

Hydrocephalus

Intracranial and Carotid Stenting

Interventional Neuroradiology

Interventional Spine Pain Management

Kyphoplasty

Minimally Invasive Spine and MRI- and CT-Guided Surgery

Multiple Sclerosis Comprehensive Care Center

Neuromuscular Disease and Amyotrophic Lateral Sclerosis (ALS) Center

PLIF/Spinal Fusion

Sleep Disorders

Spinal Cord Injury

Spinal Stenosis and Spinal Instability

Stereotactic Volumetric Brain Surgery

Vagal Nerve Stimulators

### WOMEN AND CHILDREN

Women's Reproductive Health and Infants' Services

Regional Perinatal Center (including a Level III Neonatal Intensive Care Unit)

Genetic Testing

Gynecology and General Obstetrics

Infant Apnea Program

Maternal-Fetal Medicine

Midwifery Program

Reproductive Endocrinology and Infertility Treatment

### Pediatric and Adolescent Services

Center for Best Practices to Prevent and Reduce Childhood Obesity

Cody Center for Autism and Developmental Disabilities

Cystic Fibrosis Center

Metabolic Disease Treatment Center

Pediatric AIDS Center

Pediatric Multiple Sclerosis Center

## HOSPITAL ANNUAL STATISTICS 2008

### GENERAL

**Patient Days:** 170,074

**Occupancy Rate:** 87.11%

**Average Length of Stay:** 5.8 days

**Inpatient Discharges:** 29,328

(The above information excludes newborns.)

**Emergency Visits:** 76,086 (includes ED visits that resulted in inpatient admissions and CPEP visits)

**Comprehensive Psychiatric Emergency**

**Program (CPEP) Visits:** 3,768

**Hospital Outpatient Visits:** 220,009

**Births:** 3,528

### CERTIFIED BEDS\*

**Total:** 546

**Medical Surgical:** 316

**Intensive Care:** 44

**Coronary Care:** 10

**Pediatric:** 38

**Maternity:** 36

**Psychiatric:** 40

**Burn:** 6

**Pediatric Intensive Care:** 12

**Neonatal Intensive Care:** 40

**Bone Marrow Transplant:** 4

### SURGERIES (CASES)

**Total:** 18,079

**Ambulatory:** 10,171

**Inpatient:** 7,405 (not including open heart)

**Open Heart:** 503

### CARDIAC PROCEDURES

**Diagnostic Cardiac Catheterizations:** 3,517

**Interventional Coronary Procedures:** 784

**Electrophysiology Procedures:** 1,142

**Echocardiography:** 8,343

**Stress Testing:** 3,999

\* 2009

\*\* JULY 2007-JUNE 2008

### IMAGING STUDIES

**Total:** 259,436

**Diagnostic Radiology:** 138,504

**Breast Imaging:** 17,624 (includes digital mammography)

**Ultrasound:** 17,825

**CT:** 51,746

**MRI:** 13,705

**Nuclear Medicine:** 14,437 (includes PET)

**Special Procedures/Interventional:** 5,595

### LABORATORY TESTS

**Total:** 5,671,670

### CANCER TREATMENTS

**Chemotherapy Infusions:** 16,342 (includes pediatrics)

**Bone Marrow Transplants (total):** 21

**Autologous:** 16

**Allogeneic:** 5

### RESEARCH EXPENDITURES\*\*

**Total:** \$78,182,152

### EMPLOYEES\*

**Hospital Employees:** 5,499 (excludes physicians)

**Staff Nurses (RNs):** 1,579

**Physicians:** 979

**Full-time:** 477

**Community:** 502

### VOLUNTEERS\*

**Total:** 605

## AWARDS AND HONORS

### CONSUMERS RANK SBUMC IN TOP 10 PERCENT

SBUMC received a 2008/2009 award where healthcare consumers determine the ranking of hospitals nationwide. SBUMC ranked in the top 10%—one of just 226 hospitals to receive the award, the result of a survey of 300,000 households across the country.

### BEST DOCTORS

Twenty-nine SBUMC full-time and voluntary physicians were named to *New York Magazine's* 2008 Best Doctors list, based on an annual guidebook published by Castle Connolly Medical Ltd., a New York research and information company.

### DISTINGUISHED HOSPITAL AWARD FOR CLINICAL EXCELLENCE

An independent rating company of hospitals and physicians designated SBUMC a “Distinguished Hospital” in its 2009 ratings. This ranking is achieved by only 270 (i.e., about 5 percent) of the 4,971 hospitals that are reviewed. SBUMC excelled in the provision of care for cardiac and pulmonary conditions, being ranked #1 in New York State for Cardiac Services.

### DISTINGUISHED HOSPITAL AWARD FOR PATIENT SAFETY

An independent rating company of hospitals and physicians recognized SBUMC for its overall patient safety records, ranking it among the top 5 percent of hospitals in the nation. SBUMC is one of only eight hospitals selected within New York State, and is among the few academic medical centers and larger hospitals nationally to receive such designation.

### TOP 10 PERCENTILE FOR HANYS PINNACLE AWARDS (SAFETY AWARDS)

HANYS presented awards for achievement to SBUMC in the areas of “Reducing Complications in the Neonatal Intensive Care Unit by Optimizing Nutrition and Growth” and “Increasing Detection and Standardizing Care for the Treatment of Severe Sepsis.”

### EXCELLENCE IN PATIENT SAFETY AWARD

The Nassau-Suffolk Hospital Council selected SBUMC to receive its inaugural patient safety award, recognizing SBUMC's distinguished achievements in patient safety and quality improvement in decreasing sepsis mortality.

### SBUMC'S TRAUMA SERVICE IS IN THE TOP FOUR PERCENT OF TRAUMA CENTERS NATIONWIDE

According to the report “Survival Measurement and Reporting Trial for Trauma” (SMARTT) by the Agency for Healthcare Research and Quality (AHRQ), the nation's lead federal agency for research on healthcare quality, costs, outcomes, and patient safety, SBUMC's Trauma Service ranks in the top four percent nationwide, with the lowest mortality for victims of injury. Funded by AHRQ, the goal of SMARTT is to inform governmental and other agencies of policies and practices that improve the quality of trauma care.

### AMERICAN COLLEGE OF SURGEONS COMMISSION ON CANCER OUTSTANDING ACHIEVEMENT AWARD

SBUMC's Cancer Services program received the 2008 American College of Surgeons Commission on Cancer Outstanding Achievement Award. This award is designed to recognize cancer programs that strive for excellence in providing quality care to patients with cancer. A commendation level of compliance was obtained in the seven standards that represent the full scope of the cancer program—cancer committee leadership, cancer data management, clinical services, research, community outreach, education, and quality improvement. Ninety-three programs received the award in 2008, which is 19 percent of the hospitals surveyed.

### CORONARY INTERVENTION EXCELLENCE AWARD

An independent healthcare ratings organization recognized the caliber of cardiac care provided by SBUMC compared to all other hospitals in the nation.

### UNIVERSITY HEALTHSYSTEM CONSORTIUM (UHC) RECOGNIZES STONY BROOK FOR ITS LOW CARDIAC MORTALITY RATES

As part of the UHC, an organization of leading university hospitals, SBUMC submits its outcome data for comparison. For the year ending March 2008, Stony Brook ranked as follows on these key measures:

- Second lowest risk-adjusted cardiac mortality of any hospital within the UHC. Risk-adjusted mortality is the rate of death taking into account medical problems a patient has at the time of admission in addition to the reason for admission.
- Overall cardiac mortality—3rd best out of 96 hospitals.
- Mortality following angioplasty—5th best out of 95 hospitals.
- Mortality following acute myocardial infarction (heart attack)—10th best of 96 hospitals.
- Mortality for patients with congestive heart failure—5th best of 96 hospitals.

## AWARDS AND HONORS

### DESIGNATED A UNITEDHEALTH PREMIUM® CARDIAC SPECIALTY CENTER FROM 2007 TO 2009

SBUMC has been designated a UnitedHealth Premium Cardiac Specialty Center from 2007 to 2009. UnitedHealthcare developed the UnitedHealth Premium Specialty Center designation program to give its members information about and access to hospitals that meet rigorous quality criteria based on nationally recognized medical standards and expert advice.

### LONG ISLAND BUSINESS NEWS “ACHIEVEMENTS IN HEALTHCARE” AWARD

SBUMC's “Code H Lifesaving Initiative Team” was recognized for its reduction in door-to-balloon catheterization time to 71 minutes—well below the American College of Cardiology and American Heart Association guidelines of 90 minutes.

### KIDNEY TRANSPLANTATION SERVICE AWARDS

SBUMC's Kidney Transplantation Service received a “Referral to Listing Award” for achieving a significant decrease in the median referral to listing time from a high of 394 days in June 2007 to 45 days in August 2008. It also received the “Transplant Volume Award” for being one of only five centers in the country to achieve a greater than 20 percent increase in volume of deceased donor transplants, and is one of only seven centers to receive the Transplant Growth and Management “Overall Achievement Award.” The Transplantation Service reached the milestone of the 1,000th kidney transplant in 2008.

### ORTHOPAEDIC RESEARCH AND EDUCATION FOUNDATION CLINICAL RESEARCH AWARD

A team of SBUMC researchers, led by Lawrence Hurst, MD, received the prestigious 2009 Orthopaedic Research and Education Foundation/Kappa Delta Sorority/American Academy of Orthopaedic Surgeons “Clinical Research Award.” The award recognizes outstanding clinical research related directly to musculoskeletal disease or injury. Specifically, the team was selected for the work they have done in the past ten years on the use of collagenase in the treatment of Dupuytren's contracture and the use of collagenase for the treatment of frozen shoulder.

### PALLIATIVE CARE LEADERSHIP AWARD

The National Consensus Project (NCP) selected SBUMC's palliative care program, Survivorship and Supportive Care, as the recipient of its 2009 Palliative Care Leadership Award. SBUMC's program is one of nine programs in the United States selected for this award presented annually by the National Consensus Project for Quality Palliative Care and the National Quality Forum.

### “GET WITH THE GUIDELINES–STROKE” PROGRAM

The American Heart Association/American Stroke Association recognized SBUMC with its “Get With The Guidelines–Stroke” (GWTG–Stroke) Bronze Achievement Award. The award acknowledges the Medical Center's ability to achieve 85 percent adherence to the GWTG–Stroke Performance Measures and Guidelines for 90 consecutive days and demonstrates continued commitment to quality—a commitment that benefits the patients and caregivers who come to SBUMC seeking stroke treatment.

### ADVANCE FOR NURSES SECOND ANNUAL READERS CHOICE AWARDS

In the October 13, 2008 edition of *Advance for Nurses*, SBUMC received four out of five “top picks” for nurses. This is the publication's second annual Readers Choice awards that asked nurses to rank hospitals based on elements that would make a difference to them: quality of care, organizational culture, communication, professional development, and retention efforts. The Medical Center excelled as one of the region's best for nursing practice in the areas of quality, professional development, organizational culture, and retention.

### RECOGNITION FOR BLOOD DONATIONS

SBUMC received recognition with an Award for Blood Donations from the Long Island Blood Services, a division of the New York Blood Center, for its efforts in sponsoring blood drives and collecting blood donations.

### PARTNER FOR CHANGE AWARD

This “Environmental Excellence Award” was presented by Practice Greenhealth for transforming operations and for improving the environment in a cost conscious manner. SBUMC was one of only two hospitals in New York State to receive this award.

### SPOTLIGHT ON INNOVATION AWARD FOR FOOD SERVICES

The National Society for Healthcare Foodservice Management (HFM) recognized SBUMC's Food and Nutrition Services with its “Spotlight on Innovation Award” for contributions to the healthcare foodservice field and its role in reducing the carbon footprint of foodservice operations.

## MISSION, VISION, VALUES

### OUR MISSION

At Stony Brook University Medical Center, we improve the lives of our patients, families, and communities, educate skilled healthcare professionals, and conduct research that expands clinical knowledge.

### OUR VISION

Stony Brook University Medical Center will be:

- A world-class healthcare institution, recognized for excellence in patient care, research, and healthcare education
- The first choice of patients for their care and the care of their families
- An academic medical center that attracts educators and students with the desire and ability to provide and receive the highest quality, innovative education
- One of the top ranked institutions for scientific research and training

### OUR VALUES

Integrity

Compassion

Accountability

Respect



Stony Brook University/SUNY is an affirmative action, equal opportunity educator and employer.  
Produced by the Office of Communications, June 2009. 0905023H

[www.StonyBrookMedicalCenter.org](http://www.StonyBrookMedicalCenter.org)