

EDUCATION DIVISION ESTABLISHED



Dr. Joseph J. Sorrento, Jr.

Last fall, the Department established its Division of Education in an effort to reaffirm its dedication to the ideal that the primary goals of a university medical center must include an unwavering commitment to the education of both medical students and residents. Joseph J. Sorrento, Jr., MD, assistant professor of surgery, was appointed director of the new division.

A recipient of several teaching awards, Dr. Sorrento recently completed a fellowship at the Macy Institute for Physician Educators, a program of the Harvard Medical School and the Graduate

School of Education, in which he gained strategies for introducing innovative educational programs to benefit our medical students and residents.

Maintaining the Department's tradition of excellence, the Division of Education will ensure that our educational programs prepare physicians in the best possible way for today's medical realities.

To maintain the educational excellence which has been a tradition of the Department since its founding in 1974, the Division of Education is committed to providing learner-centered education in which the student helps to establish how he or she can best learn, with the faculty increasingly serving as facilitators of self-education.

We have begun to increase our educational emphasis on interactive teaching in a case-based format.

With the realization that effective teachers are made and not born, we have endeavored to improve our teaching by enhancing faculty development efforts; to increase faculty insight into their own teaching attributes, we have improved and expanded our feedback tools.

To facilitate communication, we have greatly expanded our mentoring program. We firmly believe that our faculty have an important role to play in the entire four years of a student's education in our medical school.

To help prepare physicians for the medical challenges of the future, we have redoubled our efforts to train our students and residents as future clinical investigators by increasing opportunities for them to gain research experience.

CHANGING WITH THE TIMES

For a half century, American medicine has dominated the academic medical world. Recently, this dominance has been threatened in some institutions by a variety of new trends. There has been a shift of the practice of medicine to the ambulatory setting without a corresponding shift of teaching to this setting.

When instruction has moved outside of the hospital setting, the development of methods or quality control of those methods has lagged behind. There has been an expansion of the clinical enterprise at the expense, often, of teaching or research. In the effort to "increase throughput," some clinical settings have developed where learners have no role at all. The emphasis is less on how

(Continued on Page 11)

Our Otolaryngology-Head and Neck Surgery Residency Receives Full Accreditation

In March, the Residency Review Committee (RRC) of the American Council of Graduate Medical Education granted full accreditation to our residency program in otolaryngology-head and neck surgery. Established in 1993, the four-year program is accredited to train four residents at a time, and graduates one each year. Its success is a reflection of the strength of our faculty, as well as that of University Hospital and Medical Center.

Our residency program is designed to train physicians in the academic and clinical aspects of adult and pediatric otolaryngology-head and neck surgery.

Our residents receive comprehensive training in the medical and surgical management of disorders of the ear (otology and neurotology), nose and sinuses (rhinology and allergy), and throat (laryngology and broncho-esophagology). In addition, they gain expertise in plastic and reconstructive surgery of the face, as well as tumor surgery of the head and neck.

As graduates of this program, our residents are eligible for board certification in otolaryngology-head and neck surgery.

The RRC that reviewed the residency program is composed of representatives of the American Board of Otolaryngology, the American College of Surgeons, and the American Medical Association's Council on Medical Education.

Alumni News

Since the class of 1975 entered the profession of surgery, 139 physicians have completed their residency training in general surgery at Stony Brook. The alumni of our residency program now practice surgery throughout the United States, as well as in numerous other countries around the world.

Dr. Walter W.K. King ('80), formerly professor of surgery and chief of head and neck/plastic and reconstructive surgery at the Chinese University of Hong Kong, is currently director (and founder) of the Plastic and Reconstructive Surgery Center, Hong Kong Sanatorium and Hospital, in Hong Kong. Established in 1998, the Plastic and Reconstructive Surgery Center is Hong Kong's first full-fledged private hospital-based center of its kind; it is entirely supported by the hospital's facilities. Dr. King's recent publications are:

- **King WK**, Woo JK, Lam DS. Head and neck. In: Majid A, Kingsnorth A, editors. *Fundamentals of Surgical Practice*. London: Greenwch Medical Media, 1998.
- Chan HH, **King WW**, Chan ES, Mok CO, Ho WS, Van Krevel C, Lau WY. In vivo trial comparing patients' tolerance of Q-switched Alexandrite (QS Alex) and Q-switched neodymium:yttrium-aluminum-garnet (QS Nd:YAG) lasers in the treatment of nevus of Ota. *Lasers Surg Med* 1999;24:24-8.
- Teo PM, Chan AT, Leung SF, Chau RM, Yu PK, **King WW**, Johnson PJ. Increased incidence of tongue cancer after primary radiotherapy for nasopharyngeal carcinoma—the possibility of radiation carcinogenesis. *Eur J Cancer* 1999;35:219-25.
- Tang NL, Pang CP, Yeo W, Choy KW, Lam PK, Suen M, Law LK, **King WW**, Johnson P, Hjelm M. Prevalence of mutations in the BRCA1 gene among Chinese patients with breast cancer. *J Natl Cancer Inst* 1999;91:882-5.

The book chapter listed above appears in the first textbook for the revised examination for Membership in the Royal College of Surgeons of England.

Dr. Tom R. Karl ('81), former director of the cardiac surgery department at the Royal Children's Hospital in Melbourne, Australia, where he spent the last decade, has returned to the United States to assume a new position as senior cardiac surgeon at the Children's Hospital of Philadelphia. Among his latest publications are:

- **Karl TR**. Bidirectional cavopulmonary anastomosis [editorial]. *Cardiol Young* 1999;9:2-3.

- **Karl TR**. Spontaneous occlusion of systemic-to-pulmonary arterial shunts [editorial]. *Cardiol Young* 1999;9:462.
- Broekhuis E, Mee R, Brizard C, **Karl TR**. Damus connection after division of the pulmonary artery. *Ann Thorac Surg* 1999;67:519-21.
- Cochrane AD, Goh TH, Austin C, **Karl TR**. Incipient left ventricular rupture complicating anomalous left coronary artery. *Ann Thorac Surg* 1999;67:254-6.
- Fulton JO, Mas C, Brizard CPR, Cochrane AD, **Karl TR**. Does left ventricular outflow tract obstruction influence outcome of interrupted aortic arch repair? *Ann Thorac Surg* 1999;67:177-81.
- Cochrane AD, Coleman DM, Davis AD, Brizard CPR, Wolfe R, **Karl TR**. Excellent long term functional outcome after surgery for ALCAPA. *J Thorac Cardiovasc Surg* 1999;117:332-42.

In addition, Dr. Karl published two new book chapters on circulatory support in children. Last fall, he was an invited speaker at Luis Garrahan Hospital in Buenos Aires, where he took part in a symposium on intensive care and presented four lectures. He presented a plenary lecture on coronary anomalies in children at last year's annual meeting of the American Association for Thoracic Surgery.

Dr. Richard Nickerson ('84), who specializes in plastic surgery, is chief of plastic surgery at St. John's Episcopal Hospital in Smithtown, NY, and director of the Cleft Lip and Palate Clinic at St. Charles Hospital in Port Jefferson, NY. Active in professional organizations, he is vice-president of the Suffolk Academy of Medicine and director of the Suffolk County Medical Society. This April, at the Cleft Lip and Palate Symposium held at St. Charles Hospital, he gave a presentation titled "The Surgery of Cleft Lips and Palates." Last September, he participated in the Attorney General's Conference on Managed Care, and contributed to a seminar on managed care and HMOs.

Dr. Richard W. Golub ('90) has recently been promoted to associate professor of clinical surgery (with tenure) at SUNY-Brooklyn. His clinical specialties are general surgery and colorectal surgery. Last year, he was again listed in *New York Magazine's* "Best Doctors in New York," as well as the Castle Connolly Guide, *How to Find the Best Doctors: New York Metro Area*. And he was elected secretary/treasurer of the Brooklyn/Long Island Chapter of the American College of Surgeons. His recent publications include:

- Lee YC, Abulafia O, Montalto N, Holcomb K, Matthews R, **Golub RW**. Malignant transformation of an ovarian mature cystic teratoma presenting as a rectal mass. *Gynecol Oncol* 1999;75:499-503.
- **Golub RW**, Ciervo A. Gallbladder cancer. In: Singleton J, Sandowski S, Holzemer S, Horvath T, Green-Hernandez C, DiGregorio R, editors. *Primary Care*. Philadelphia: Lippincott-Raven, 1999.
- **Golub RW**, Lawson N. Esophageal cancer. In: Singleton J, Sandowski S, Holzemer S, Horvath T, Green-Hernandez C, DiGregorio R, editors. *Primary Care*. Philadelphia: Lippincott-Raven, 1999.
- Cannizo F, **Golub RW**. Gastric cancer. In: Singleton J, Sandowski S, Holzemer S, Horvath T, Green-Hernandez C, DiGregorio R, editors. *Primary Care*. Philadelphia: Lippincott-Raven, 1999.

Last year, Dr. Golub was an invited speaker for surgical grand rounds at the Grant Medical Center in Columbus, OH, where he gave a presentation titled "Malignant Colorectal Obstruction: Current Opinions and Techniques." The abstract of a study on which he collaborated, "Metabolic Correlates of Colon Neoplasia" (authors: Nguyen MC, Darvishzadeh J, **Golub RW**, Kral JG), has been accepted for presentation this May at the New York Surgical Society's monthly scientific meeting in New York. A personal note: Kaitlin Elizabeth Golub was born on November 29 of last year.

(Continued on Page 15)

Education Division Established

(Continued from Page 9)

medicine *should* be practiced and more on medicine *the way it is*.

The challenge of the new century is to teach in a milieu that demands more efficiency when the subject matter demands methods that are not efficient, and to teach a greatly expanded knowledge base with less time to teach it.

The methodology of the past—in which the emphasis has been on what is taught rather than what is learned; the teacher has been the active dispenser of knowledge and the learner the passive recipient; and the teacher, rather than the learner, has set the learning agenda—makes less and less sense today.

Our newly established Division of Education will ensure that our educational programs prepare physicians in the best possible way for the medical realities now and in the future.

MOHAN APPOINTED PROGRAM DIRECTOR

In March, Eugene P. Mohan, MD, assistant professor of clinical surgery, was appointed director of our residency training program in general surgery. He replaces John J. Ricotta, MD, professor and chairman of surgery, who will continue to serve as program director of our residency (fellowship) in vascular surgery.

Since 1994, Dr. Mohan has been chief of surgery at the Northport Veterans Affairs Medical Center, which, along with Winthrop-University Hospital, has long been an “integrated institution” in the residency program. University Hospital and Medical Center is the program’s “parent institution.”

A 1989 graduate of our residency program, Dr. Mohan received his MD from Mt. Sinai School of Medicine in 1984.



HOT LINKS

To submit alumni news online AND to find current mailing addresses of our alumni, please visit the Department’s website at www.uhmc.sunysb.edu/surgery

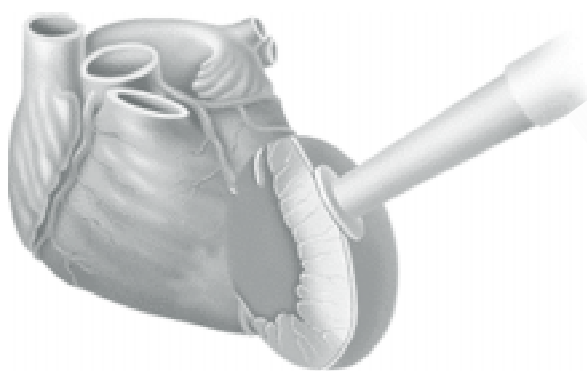
For news about Stony Brook University Hospital and Medical Center, see the latest edition of Medical Staff News at www.uhmc.sunysb.edu/roster/news/index.html

GENERAL SURGERY

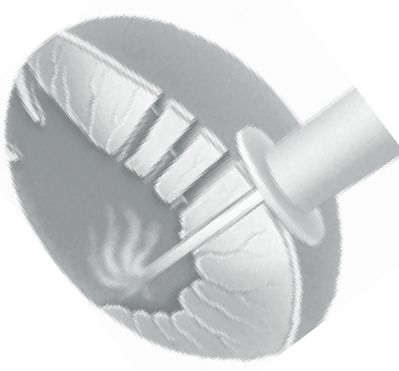
ALUMNI: Please send your e-mail address—for inclusion in the Alumni Directory—to cohen@surg.som.sunysb.edu.

USING LASER SURGERY TO TREAT CORONARY ARTERY DISEASE

CREATING CARBON DIOXIDE “BLOODLINES”



The laser pierces the heart wall and starts boring a channel.



The outside puncture seals over, fresh blood permeates the heart wall, and new vascular connections begin to develop within the heart muscle.

Division Briefs

Cardiothoracic Surgery

Dr. Thomas V. Bilfinger, professor of clinical surgery, is a cooperating investigator in a multi-center study to evaluate the effectiveness of screening for lung cancer with helical computed tomographic (CT) scans in patients aged 60 years or older with at least ten pack-years of cigarette smoking.

Last November, at the 72nd Scientific Session of the American Heart Association held in Atlanta, Dr. Bilfinger presented a study titled "Nitric Oxide Production of Existing Saphenous Vein Conduits at the Time of Coronary Artery Bypass Reoperation" (authors: Bilfinger TV, Vosswinkel JA, Rialas CM, Krukenkamp IB, Stefano GB).

Dr. Bilfinger and his research colleague, George B. Stefano, PhD, adjunct research professor of surgery, have been invited to join the organizational committee of the Third International Neuroimmune Symposium to be held in Shanghai, China, in 2001.

Dr. Irvin B. Krukenkamp, professor of surgery and chief of cardiothoracic surgery, last fall received a secondary appointment as professor of physiology and biophysics in the School of Medicine. He has also been appointed to serve as **medical director of Stony Brook's new Institute of Molecular Cardiology**, which officially opened in February. The Institute's aim is to bring together basic scientists and clinical investigators to focus on clinically relevant problems. Its multidisciplinary research group comprises biophysicists, molecular biologists, cell biologists, engineers, and cardiac surgeons. Areas of current research are ischemic preconditioning, atrial and ventricular arrhythmias, and cardiac contractility.

This April, Dr. Krukenkamp participated in the regional 2000 Van der Kloot Symposium on Molecular

Mechanisms of Cardiovascular Disease, which was held at our Health Sciences Center; his presentation was titled "Endogenous Myoprotective Preconditioning: Molecular Mechanisms and Clinical Implications."

At the 72nd Scientific Session of the American Heart Association held in Atlanta last November, Dr.

Krukenkamp presented two studies (in addition to the study done with Dr. Bilfinger noted above):

- The NO-generating beta blocker nipradilol preconditions the heart through an NO-cyclic GMP-dependent mechanism (authors: Horimoto H, Saltman AE, Gaudette GR, Nakai Y, Sasaki S, Krukenkamp IB).
- Ischemic but not pharmacological preconditioning requires protein synthesis (authors: Matsuyama N, Gaudette GR, Leavens JE, Aksehirli TO, McKinnon D, Krukenkamp IB).

Dr. Adam E. Saltman, assistant professor of surgery, last fall received a secondary appointment as assistant professor of physiology and biophysics in the School of Medicine. At the 72nd Scientific Session of the American Heart Association held in Atlanta last November, he was a co-author of the poster presentation of the nipradilol study done with Dr. Krukenkamp and others.

General/Gastrointestinal Surgery

Dr. Louis T. Merriam, assistant professor of surgery, is currently directing the development of the newly established **Center for Minimally Invasive Surgery** (see page 1).

Otolaryngology-Head and Neck Surgery

Dr. Arnold E. Katz, professor of clinical surgery and chief of otolaryngology-head and neck surgery, in

December published *Local Flaps for Reconstruction of the Face After the Removal of Skin Cancer* (American Academy of Otolaryngology-Head and Neck Surgery; see page 5).

Last October, at the meeting of Delaware Academy of Otolaryngology held in Wilmington, Dr. Katz gave a guest lecture titled "Allergic Rhinitis: Its Diagnosis and Treatment." In September, at the annual meeting of the American Academy of Otolaryngology-Head and Neck Surgery held in New Orleans, he gave two presentations, one on reconstruction of large facial defects after Mohs surgery, and the other on head and neck tumor immunobiology.

Dr. Eric E. Smouha, associate professor of surgery, last fall received a secondary appointment as associate professor of neurological surgery in the School of Medicine.

Pediatric Surgery

Dr. Jane T. Kugaczewski, assistant professor of clinical surgery, successfully completed the recertification process of the American Board of Surgery and is now recognized as recertified in pediatric surgery.

Together with Dr. Hassan K. Reda, clinical assistant instructor of surgery and chief resident, Dr. Kugaczewski presented a poster titled "Spontaneous Regression of a Neuroblastoma to Ganglioneuroma: A Relief for the Oncologist, a Challenge for the Surgeon" at the 68th Annual Scientific Meeting of the Southeastern Surgical Congress, held in February in Lake Buena Vista, FL.

Surgical Oncology

Dr. M. Margaret Kemeny, professor of surgery (interim) and chief of surgical oncology, in December participated as a faculty member in a live Physician-Directed Webcast on